

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027119.D
 Acq On : 24 Sep 2018 19:14
 Operator : MD/SY
 Sample : J4968-07MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

Quant Time: Sep 25 01:37:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	74892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	132522	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	128681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72024	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	80977	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
35) Dibromofluoromethane	4.88	113	55614	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	7.57	98	213030	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	10.31	95	76047	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	45716	46.753	ug/l	99
3) Chloromethane	1.33	50	77576	46.016	ug/l	99
4) Vinyl Chloride	1.40	62	75514	47.986	ug/l	99
5) Bromomethane	1.62	94	26376	29.433	ug/l	99
6) Chloroethane	1.69	64	50453	50.178	ug/l	98
7) Trichlorofluoromethane	1.88	101	89276	49.950	ug/l	99
8) Diethyl Ether	2.10	74	43690	50.785	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	52049	47.362	ug/l	98
10) Methyl Iodide	2.41	142	25229	18.510	ug/l	100
11) Tert butyl alcohol	2.83	59	85493	247.454	ug/l	99
12) 1,1-Dichloroethene	2.28	96	51062	49.365	ug/l	97
13) Acrolein	2.20	56	42083	225.959	ug/l	98
14) Allyl chloride	2.59	41	116806	55.676	ug/l	99
15) Acrylonitrile	2.94	53	238147	273.491	ug/l	100
16) Acetone	2.32	43	205732	257.441	ug/l	99
17) Carbon Disulfide	2.48	76	161207	47.841	ug/l	100
18) Methyl Acetate	2.61	43	111242	51.851	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	212231	55.835	ug/l	100
20) Methylene Chloride	2.70	84	67125	49.725	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	56647	51.294	ug/l	98
22) Diisopropyl ether	3.57	45	264713	58.991	ug/l	98
23) Vinyl Acetate	3.53	43	1018785	266.343	ug/l	99
24) 1,1-Dichloroethane	3.45	63	138495	56.038	ug/l	98
25) 2-Butanone	4.26	43	339716	268.182	ug/l	97
26) 2,2-Dichloropropane	4.23	77	92446	47.964	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	65655	52.643	ug/l	96
28) Bromochloromethane	4.55	49	72200	60.603	ug/l	95
29) Tetrahydrofuran	4.64	42	219170	286.014	ug/l	97
30) Chloroform	4.67	83	119991	52.304	ug/l	99
31) Cyclohexane	5.00	56	118231	52.658	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	98832	53.958	ug/l	99
36) 1,1-Dichloropropene	5.14	75	87899	49.698	ug/l	98
37) Ethyl Acetate	4.38	43	114216	47.703	ug/l	98
38) Carbon Tetrachloride	5.14	117	82302	48.899	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	98207	51.095	ug/l	97
40) Benzene	5.39	78	266321	49.533	ug/l	99
41) Methacrylonitrile	4.54	41	72581	58.370	ug/l	96
42) 1,2-Dichloroethane	5.40	62	104865	51.622	ug/l	99
43) Isopropyl Acetate	5.55	43	181828	52.073	ug/l	99
44) Trichloroethene	6.19	130	56330	49.212	ug/l	99
45) 1,2-Dichloropropane	6.43	63	80279	52.401	ug/l	96
46) Dibromomethane	6.56	93	47247	51.064	ug/l	97
47) Bromodichloromethane	6.76	83	94893	50.720	ug/l	100
48) Methyl methacrylate	6.62	41	97649	51.353	ug/l	99
49) 1,4-Dioxane	6.61	88	31741	840.694	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	657559	279.999	ug/l	99
52) Toluene	7.64	92	161378	52.363	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	107327	53.393	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	112098	50.719	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	65884	50.452	ug/l	99
56) Ethyl methacrylate	8.02	69	112621	49.717	ug/l	98
57) 1,3-Dichloropropane	8.24	76	127197	52.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.27	63	646	5.354	ug/l #	52
59) 2-Hexanone	8.36	43	500477	272.249	ug/l	99
60) Dibromochloromethane	8.48	129	66196	51.678	ug/l	98
61) 1,2-Dibromoethane	8.59	107	68899	50.708	ug/l	100
64) Tetrachloroethene	8.23	164	44956	45.338	ug/l	97
65) Chlorobenzene	9.12	112	163688	47.974	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	59693	50.793	ug/l	100
67) Ethyl Benzene	9.25	91	298871	53.269	ug/l	99
68) m/p-Xylenes	9.38	106	222941	98.144	ug/l	99
69) o-Xylene	9.78	106	107187	53.919	ug/l	97
70) Styrene	9.79	104	178533	48.168	ug/l	99
71) Bromoform	9.96	173	46947	51.658	ug/l #	98
73) Isopropylbenzene	10.17	105	290062	52.943	ug/l	100
74) N-amyl acetate	10.01	43	159543	50.307	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	117832	46.777	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	136315	62.299	ug/l	83
77) Bromobenzene	10.45	156	64743	48.357	ug/l	93
78) n-propylbenzene	10.59	91	350172	54.017	ug/l	99
79) 2-Chlorotoluene	10.66	91	210192	51.620	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	244419	54.044	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	136315	199.368	ug/l #	100
82) 4-Chlorotoluene	10.77	91	238774	52.296	ug/l	99
83) tert-Butylbenzene	11.10	119	234583	52.464	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	247614	53.799	ug/l	100
85) sec-Butylbenzene	11.32	105	292952	53.673	ug/l	99
86) p-Isopropyltoluene	11.48	119	247967	48.446	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	119886	48.119	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	122156	44.987	ug/l	99
89) n-Butylbenzene	11.89	91	230482	46.595	ug/l	99
90) Hexachloroethane	12.15	117	46797	47.148	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	123408	46.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26409	51.391	ug/l	96

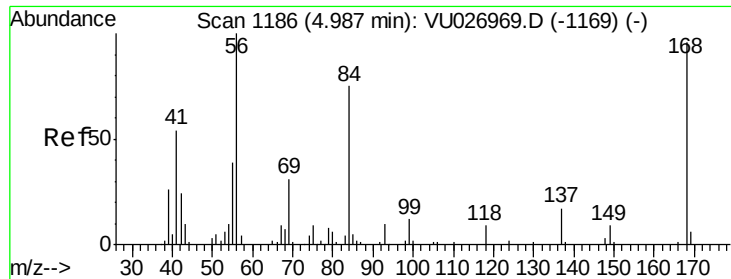
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	76242	49.992	ug/l	99
94) Hexachlorobutadiene	13.69	225	37593	46.586	ug/l	99
95) Naphthalene	13.74	128	284494	47.788	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	82512	50.451	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

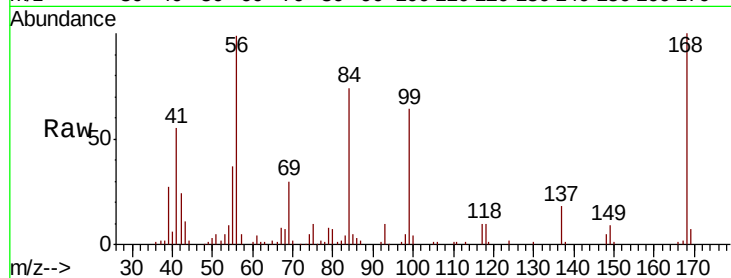
SA-PZ182I-20180916MS

Tgt Ion:168 Resp: 74892

Ion Ratio Lower Upper

168 100

99 62.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.98

30000

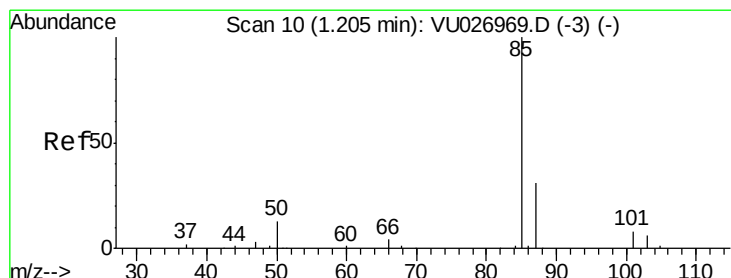
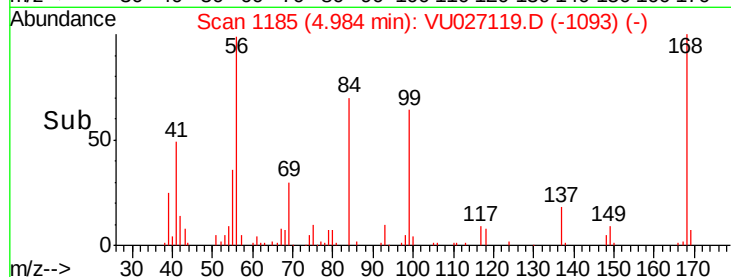
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 46.753 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027119.D

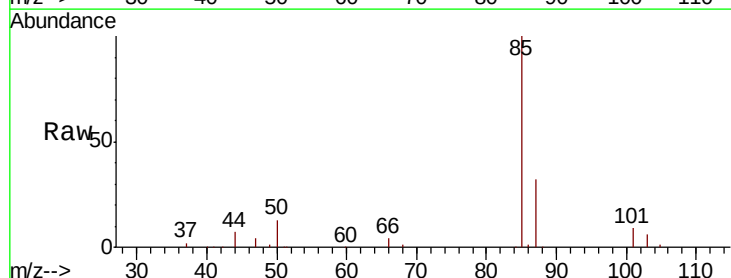
Acq: 24 Sep 2018 19:14

Tgt Ion: 85 Resp: 45716

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

50000

40000

30000

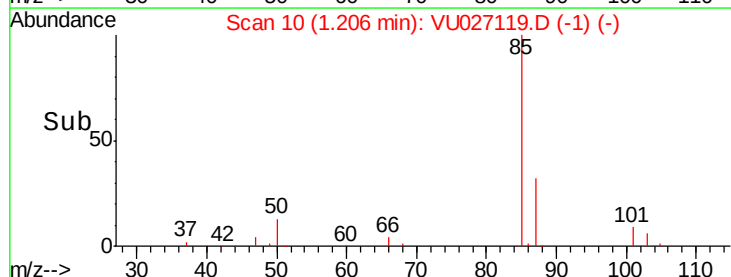
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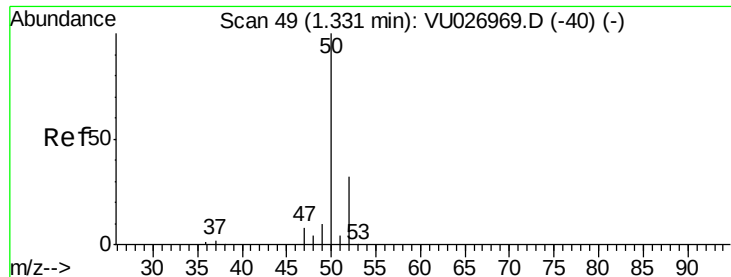
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 46.016 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

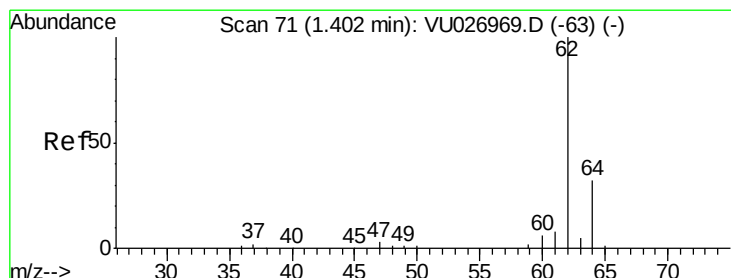
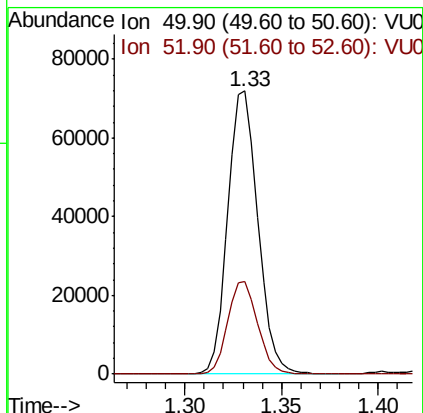
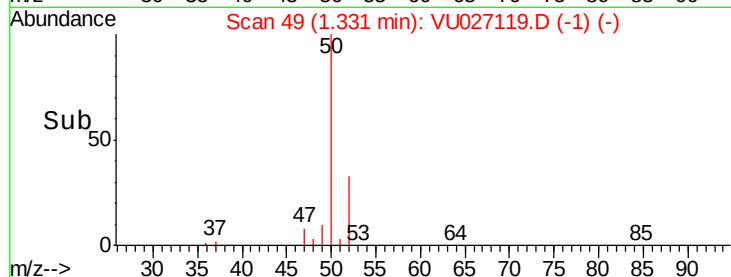
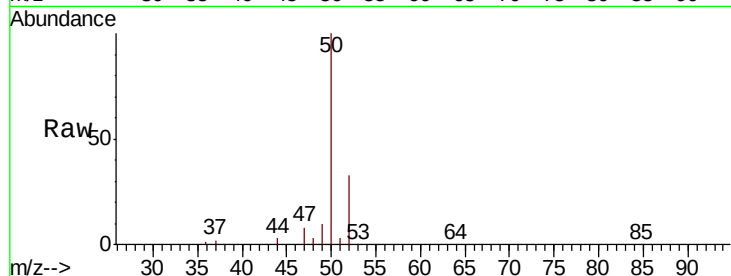
SA-PZ182I-20180916MS

Tgt Ion: 50 Resp: 77576

Ion Ratio Lower Upper

50 100

52 32.7 25.9 38.9



#4

Vinyl Chloride

Concen: 47.986 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027119.D

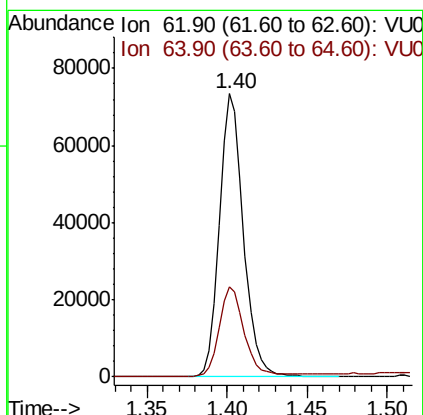
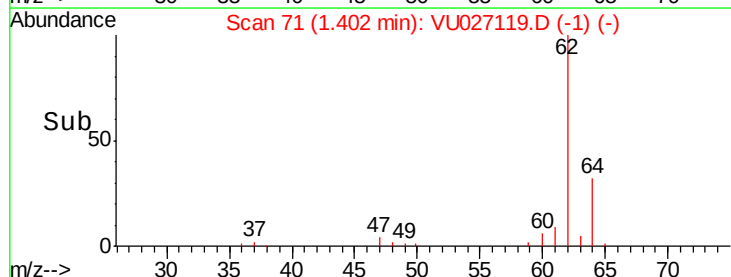
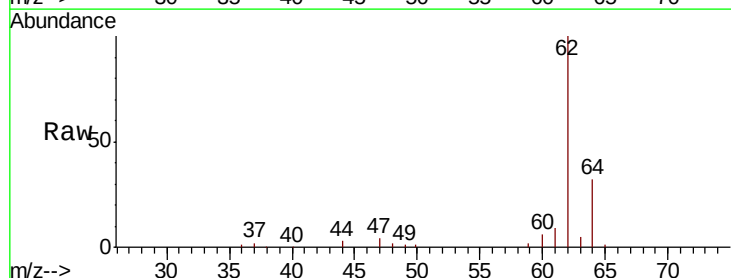
Acq: 24 Sep 2018 19:14

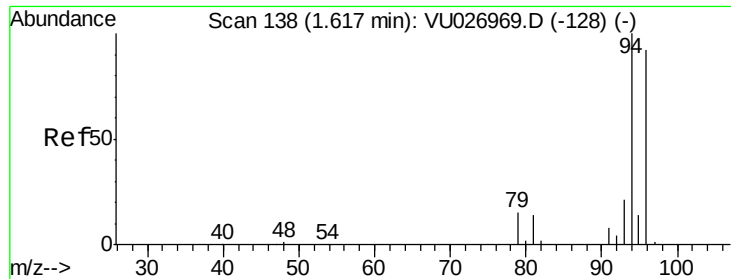
Tgt Ion: 62 Resp: 75514

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3

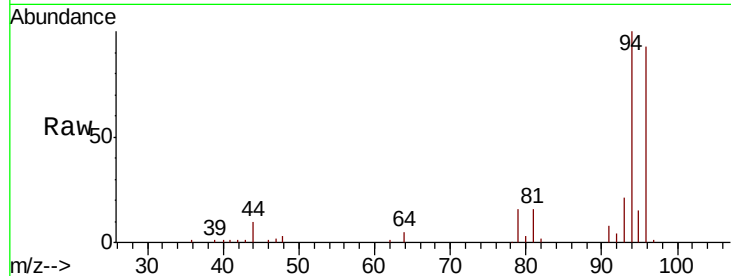




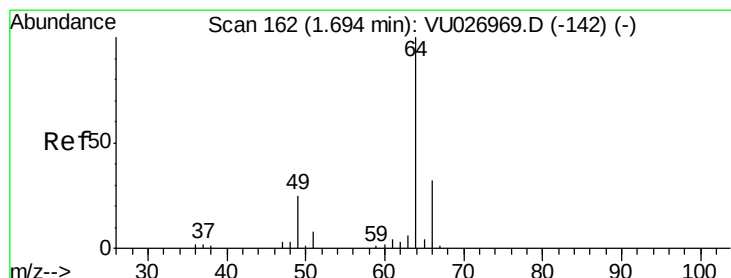
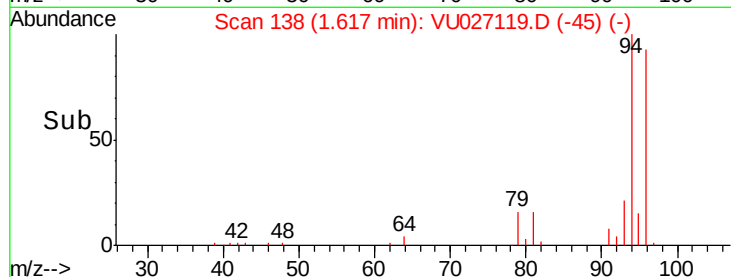
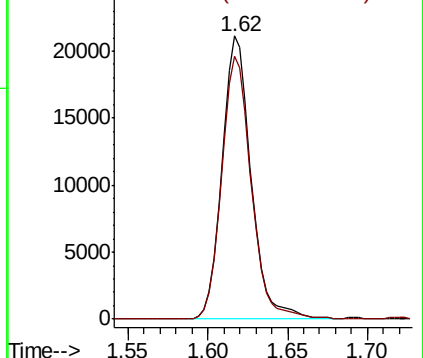
#5
Bromomethane
Concen: 29.433 ug/l
RT: 1.62 min Scan# 138
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 26376
Ion Ratio Lower Upper
94 100
96 92.7 73.2 109.8

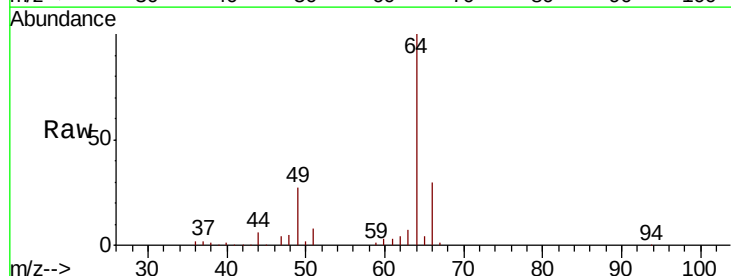


Abundance Ion 93.90 (93.60 to 94.60): VU027119.D (-128) (-)
Ion 95.90 (95.60 to 96.60): VU027119.D (-128) (-)

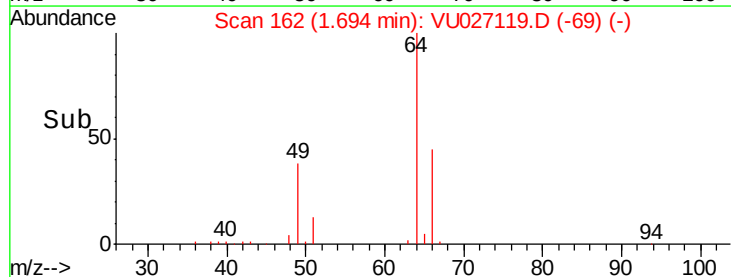
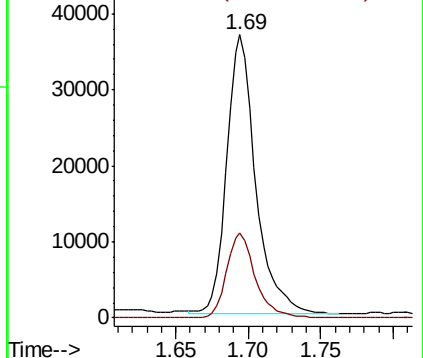


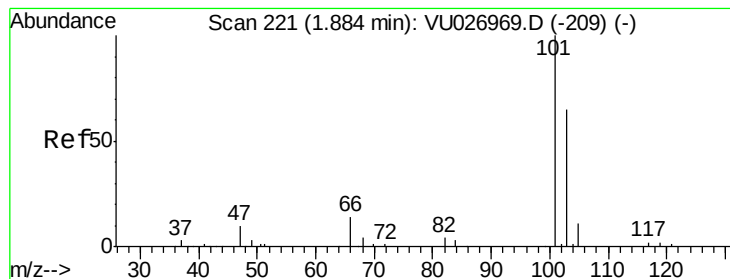
#6
Chloroethane
Concen: 50.178 ug/l
RT: 1.69 min Scan# 162
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion: 64 Resp: 50453
Ion Ratio Lower Upper
64 100
66 30.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU027119.D (-142) (-)
Ion 65.90 (65.60 to 66.60): VU027119.D (-142) (-)



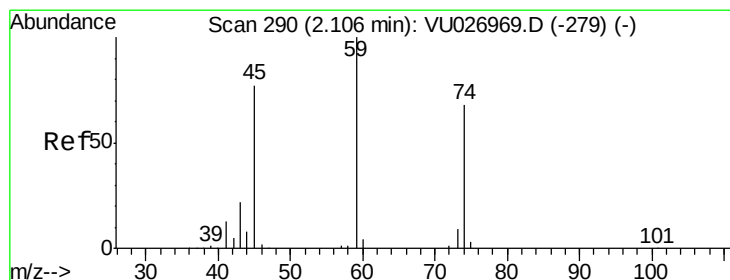
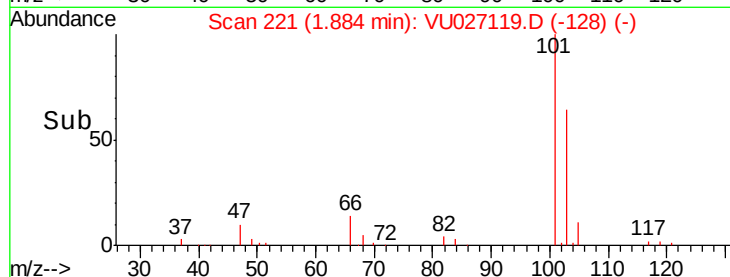
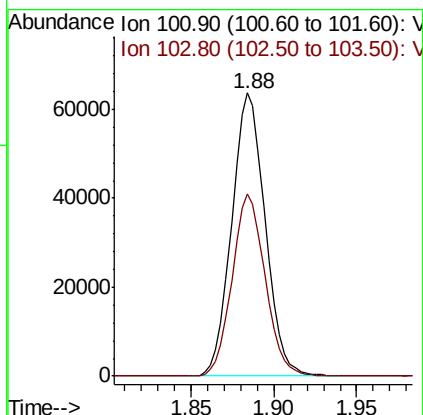
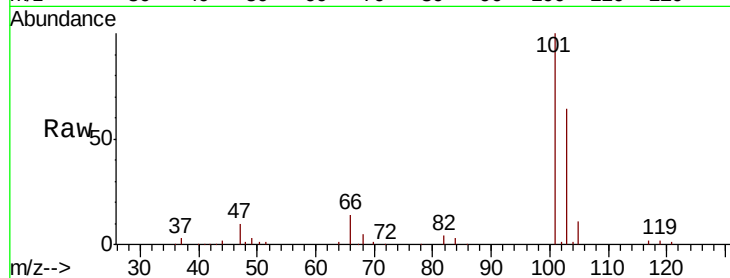


#7

Trichlorofluoromethane
 Concen: 49.950 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027119.D
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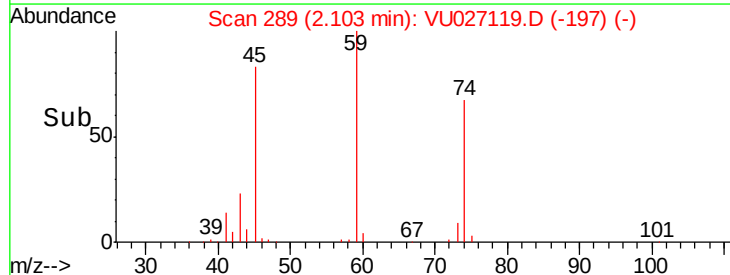
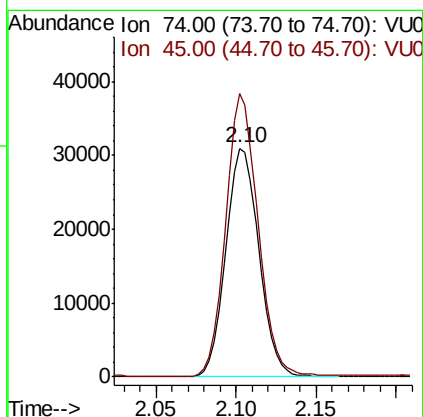
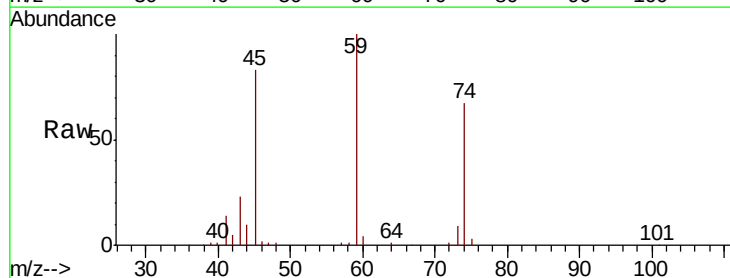
Tgt Ion: 101 Resp: 89276
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.2

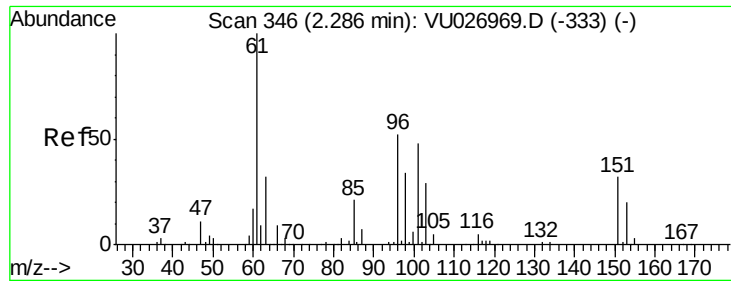


#8

Diethyl Ether
 Concen: 50.785 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion: 74 Resp: 43690
 Ion Ratio Lower Upper
 74 100
 45 121.3 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.362 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

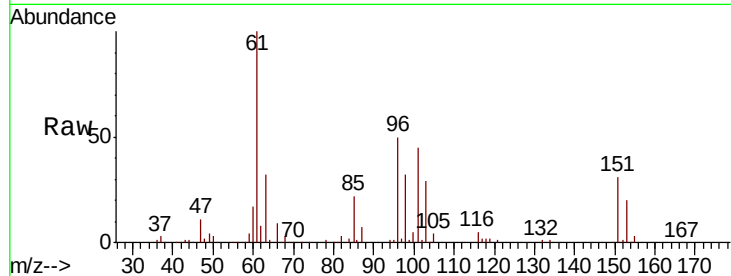
Tgt Ion:101 Resp: 52049

Ion Ratio Lower Upper

101 100

85 47.4 36.2 54.2

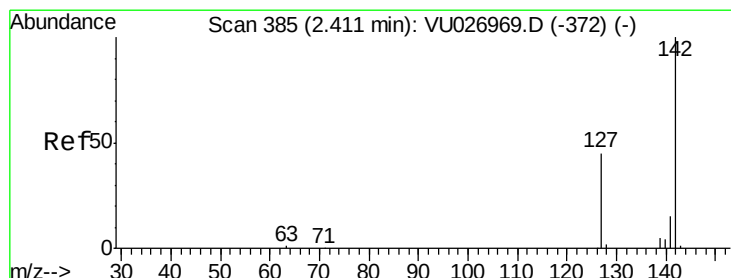
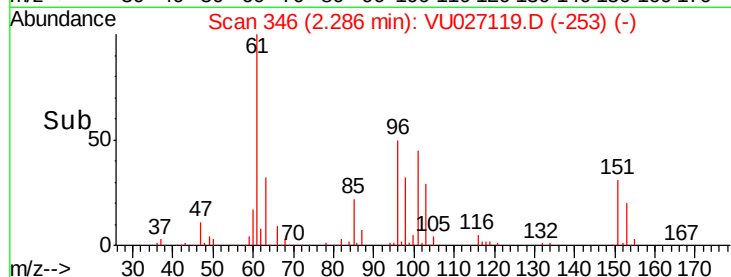
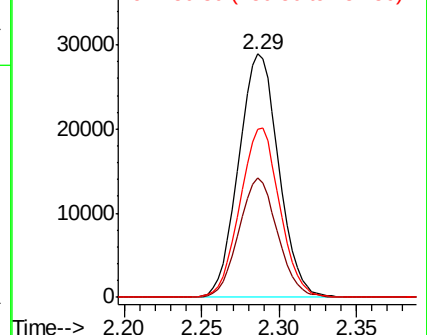
151 69.0 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.510 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

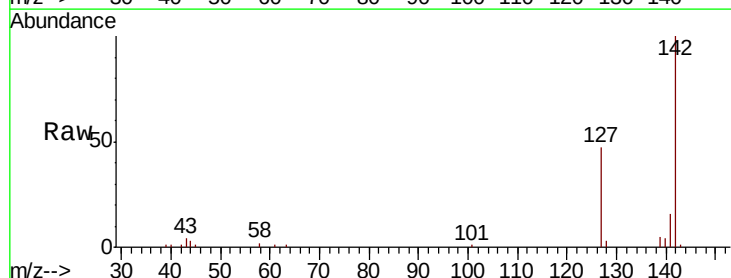
Tgt Ion:142 Resp: 25229

Ion Ratio Lower Upper

142 100

127 45.9 36.7 55.1

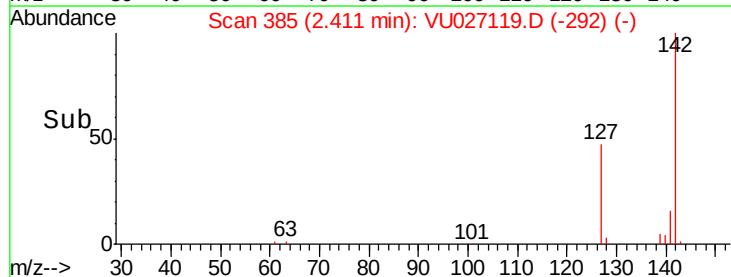
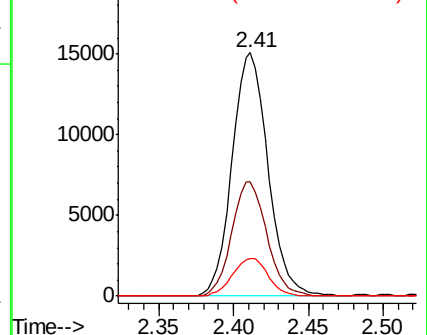
141 15.2 11.8 17.6

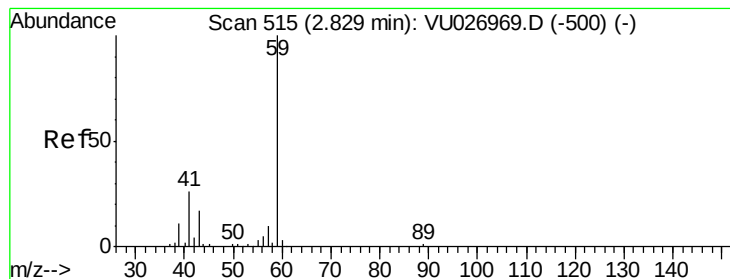


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



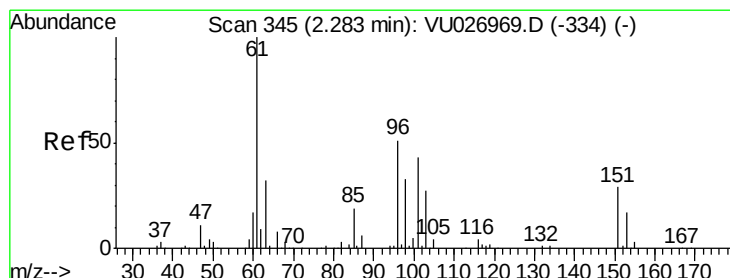
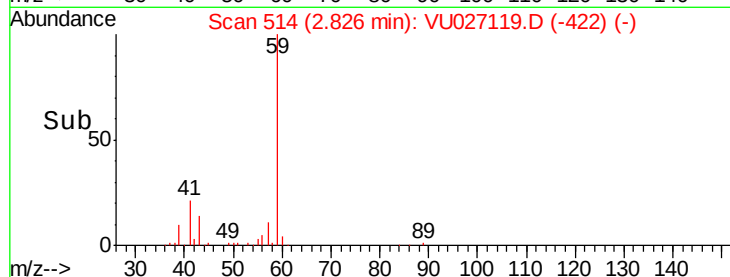
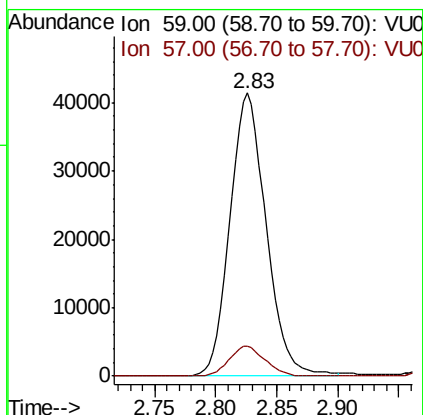
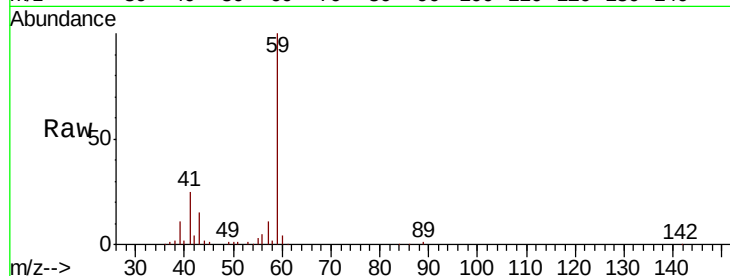


#11

Tert butyl alcohol
 Concen: 247.454 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

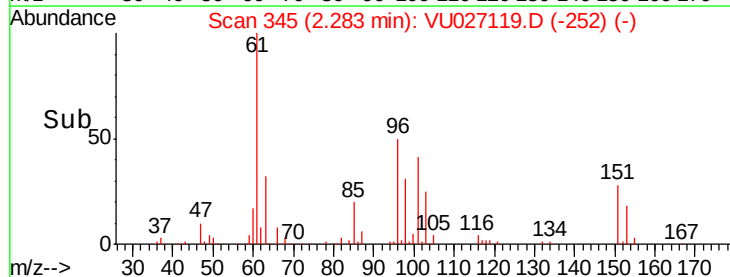
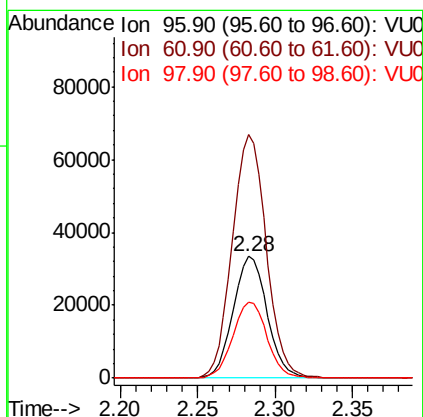
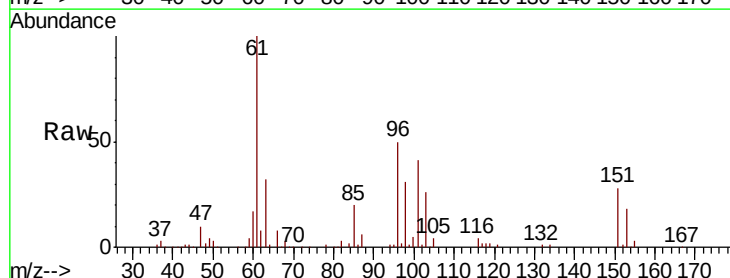
Tgt Ion: 59 Resp: 85493
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

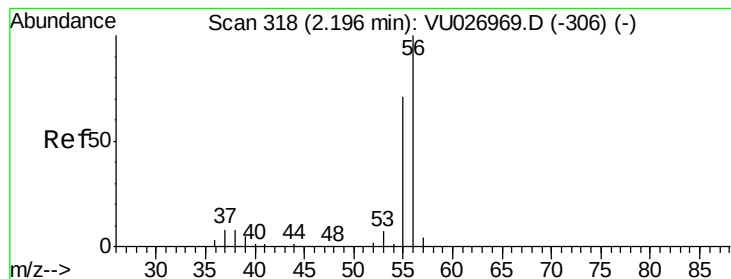


#12

1,1-Dichloroethene
 Concen: 49.365 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion: 96 Resp: 51062
 Ion Ratio Lower Upper
 96 100
 61 200.1 156.1 234.1
 98 62.8 51.4 77.0





#13

Acrolein

Concen: 225.959 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

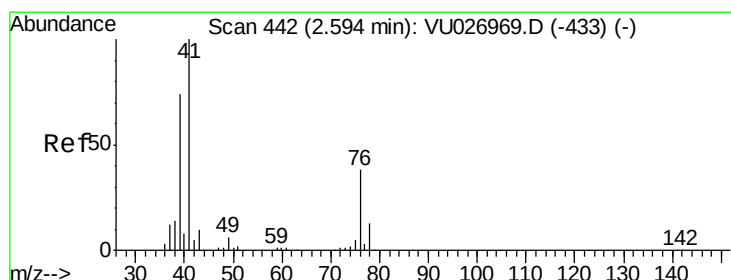
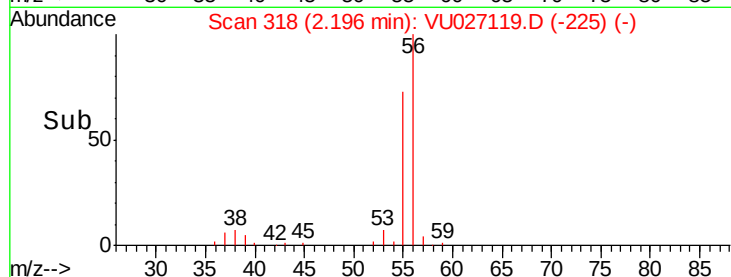
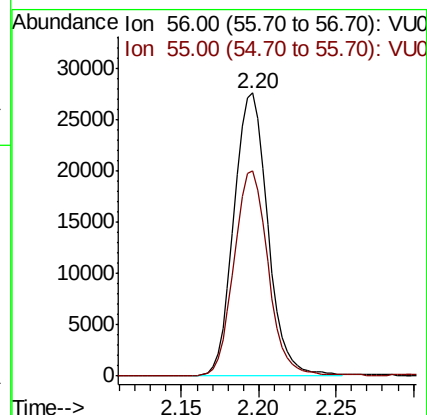
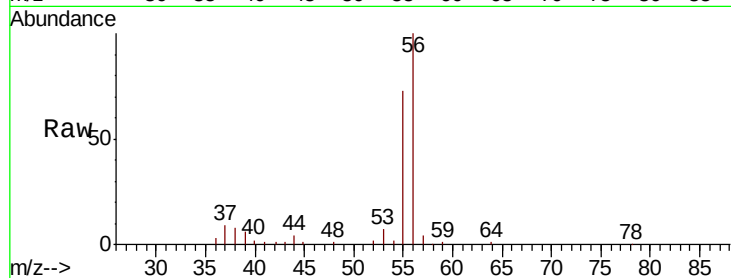
SA-PZ182I-20180916MS

Tgt Ion: 56 Resp: 42083

Ion Ratio Lower Upper

56 100

55 73.1 57.1 85.7



#14

Allyl chloride

Concen: 55.676 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

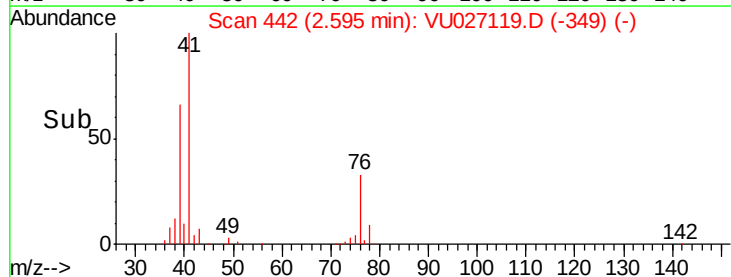
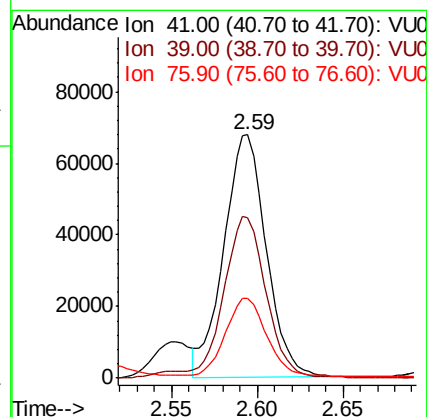
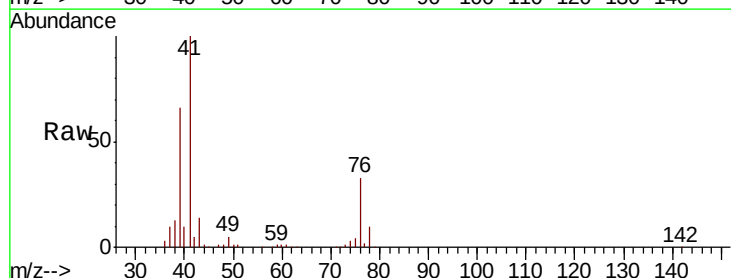
Tgt Ion: 41 Resp: 116806

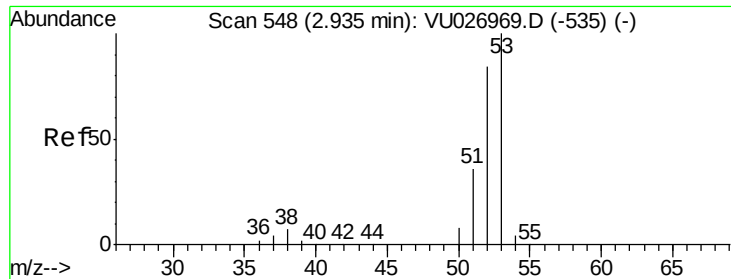
Ion Ratio Lower Upper

41 100

39 68.5 55.7 83.5

76 32.5 26.5 39.7





#15

Acrylonitrile

Concen: 273.491 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

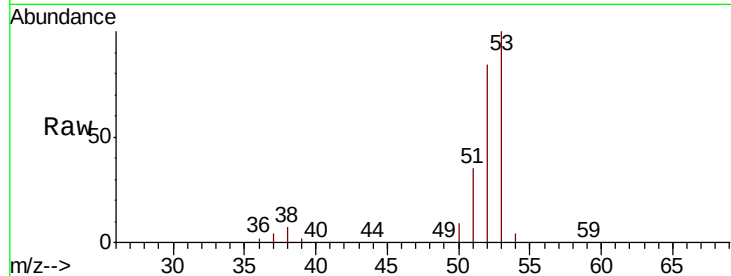
Tgt Ion: 53 Resp: 238147

Ion Ratio Lower Upper

53 100

52 82.7 65.7 98.5

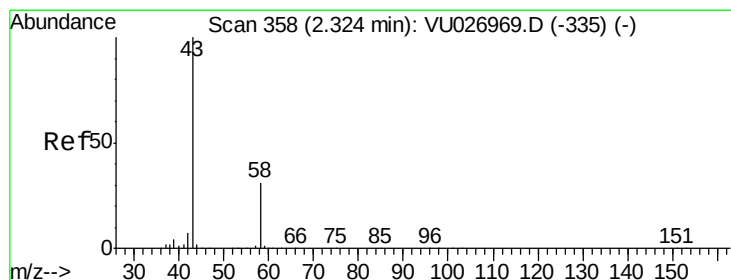
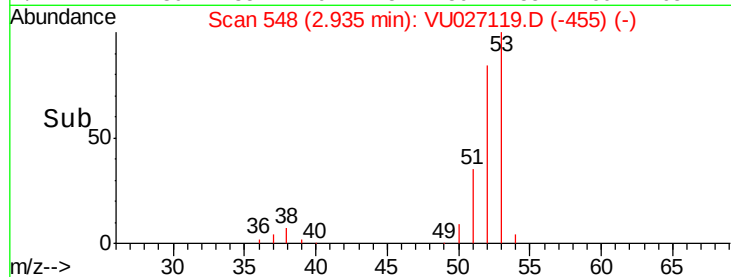
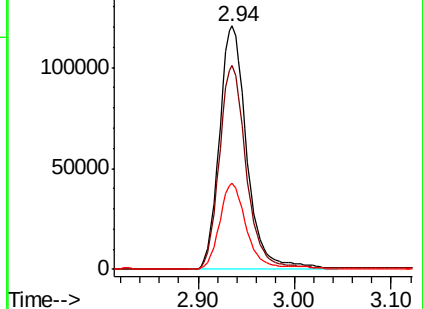
51 34.3 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 257.441 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027119.D

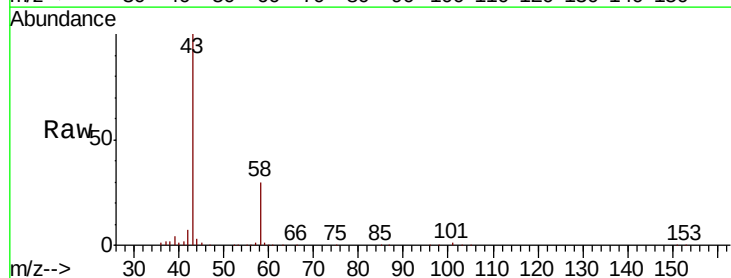
Acq: 24 Sep 2018 19:14

Tgt Ion: 43 Resp: 205732

Ion Ratio Lower Upper

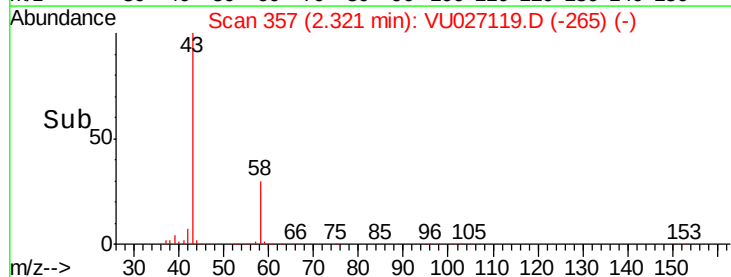
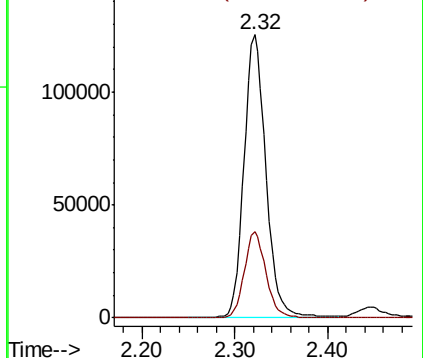
43 100

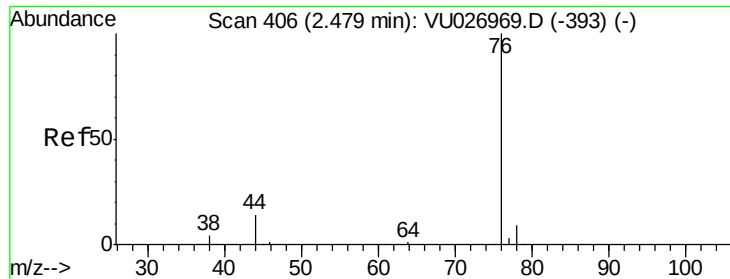
58 30.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 47.841 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

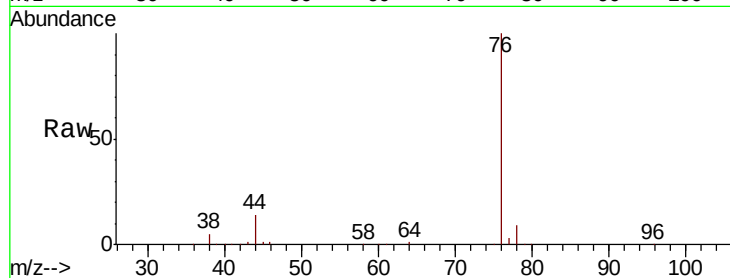
SA-PZ182I-20180916MS

Tgt Ion: 76 Resp: 161207

Ion Ratio Lower Upper

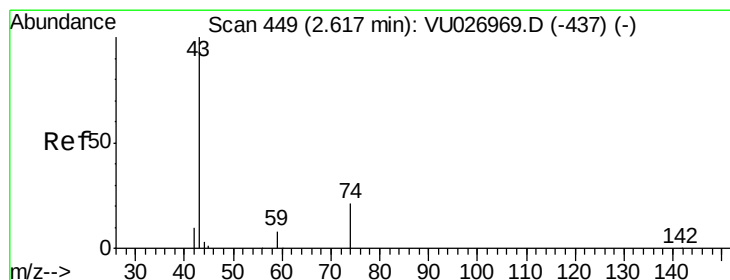
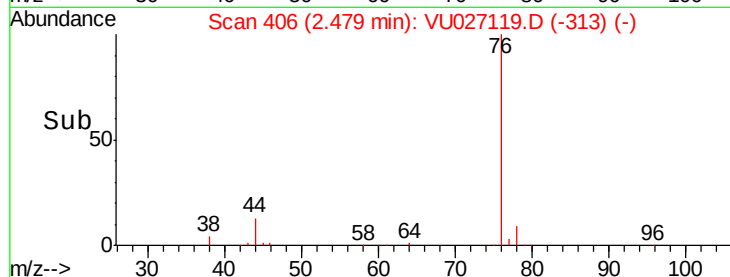
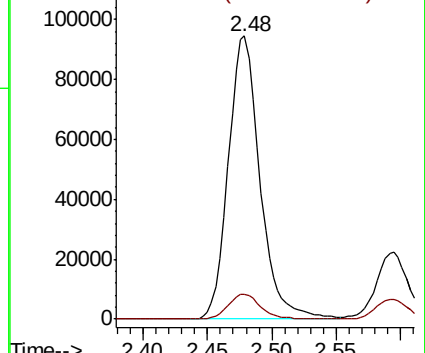
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU027119.D (-313) (-)

Ion 77.90 (77.60 to 78.60): VU027119.D (-313) (-)



#18

Methyl Acetate

Concen: 51.851 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU027119.D

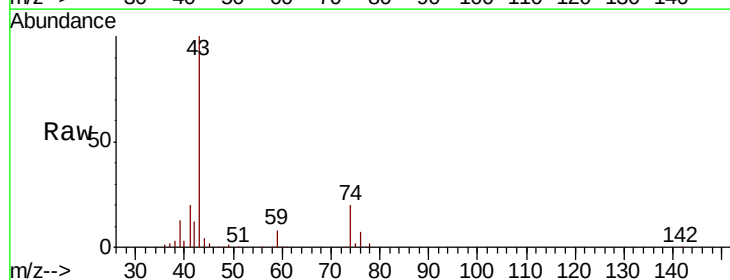
Acq: 24 Sep 2018 19:14

Tgt Ion: 43 Resp: 111242

Ion Ratio Lower Upper

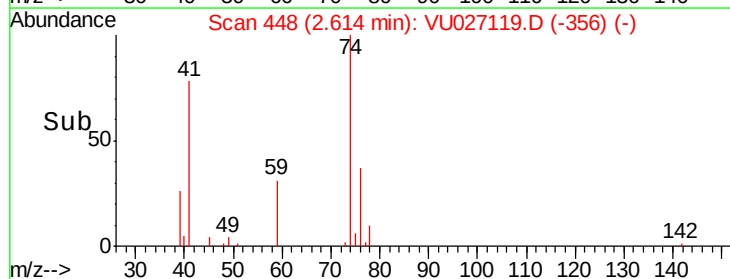
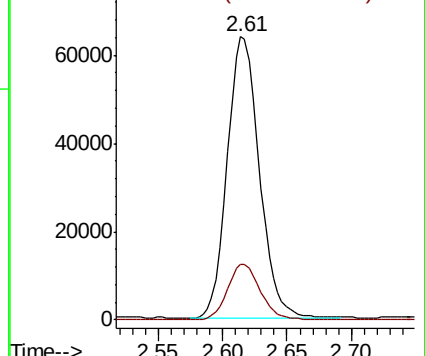
43 100

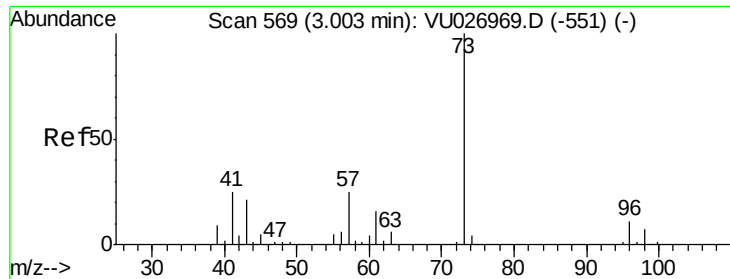
74 20.0 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU027119.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027119.D (-356) (-)



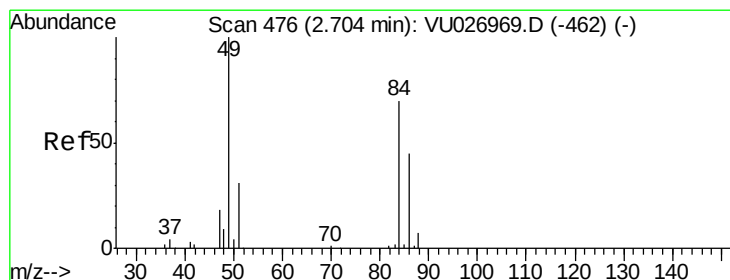
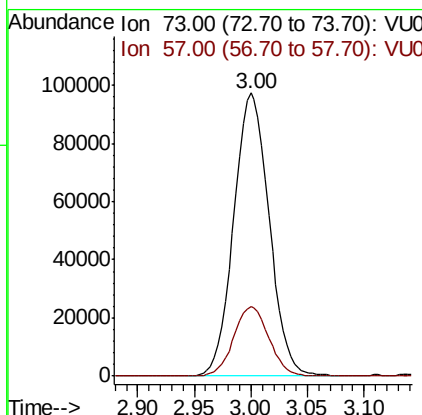
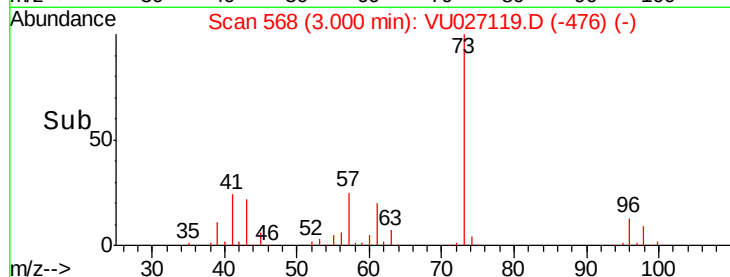
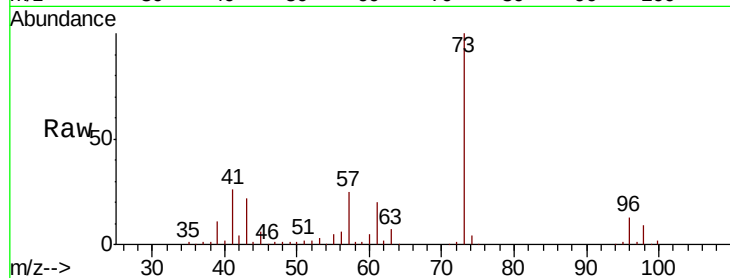


#19

Methyl tert-butyl Ether
 Concen: 55.835 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

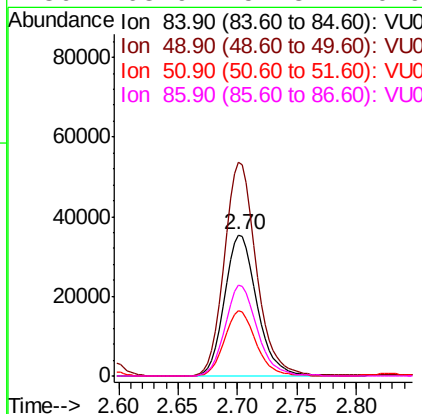
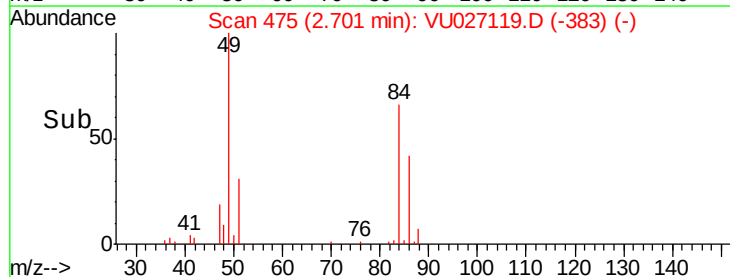
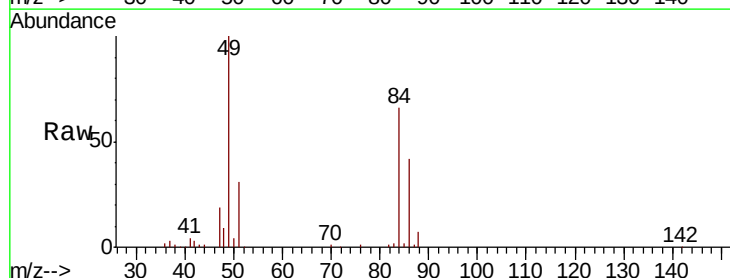
Tgt Ion: 73 Resp: 212231
 Ion Ratio Lower Upper
 73 100
 57 24.6 19.8 29.6

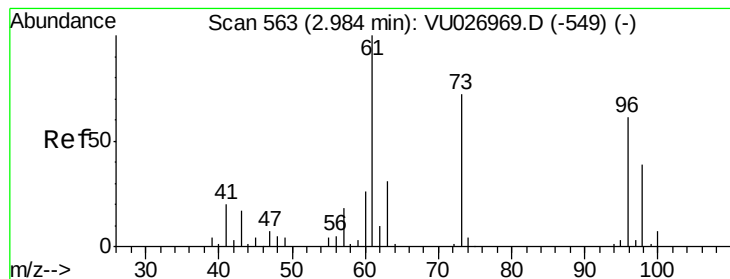


#20

Methylene Chloride
 Concen: 49.725 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion: 84 Resp: 67125
 Ion Ratio Lower Upper
 84 100
 49 151.1 114.9 172.3
 51 46.3 35.8 53.8
 86 63.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.294 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

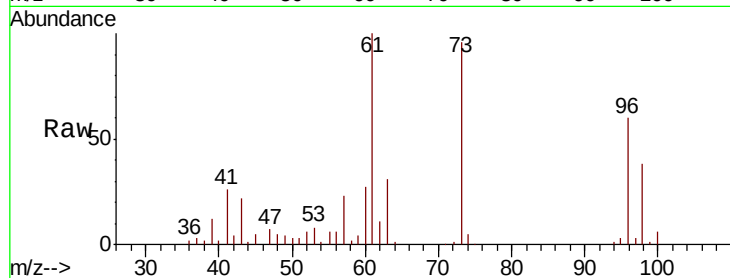
Tgt Ion: 96 Resp: 56647

Ion Ratio Lower Upper

96 100

61 167.6 131.8 197.6

98 62.9 50.9 76.3

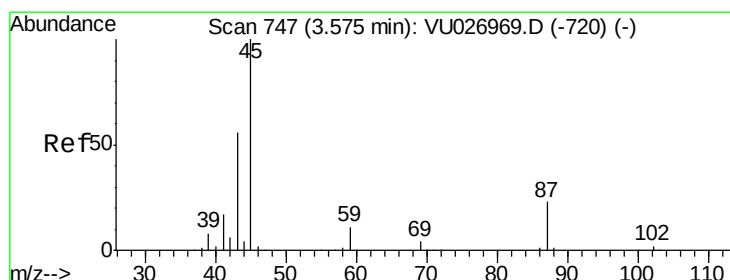
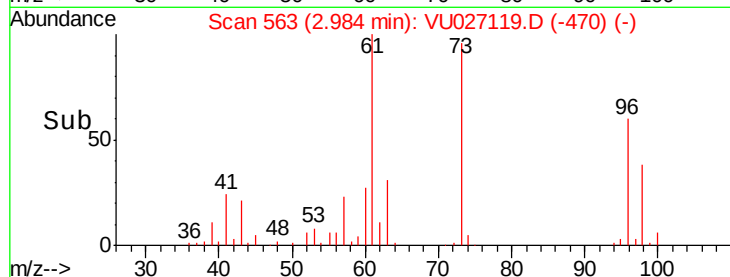
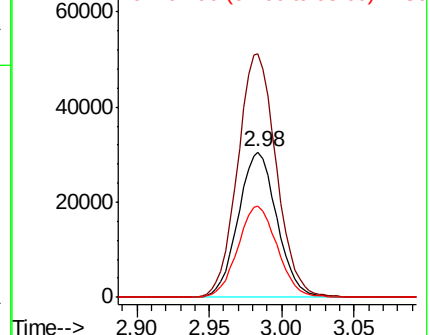


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 58.991 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Tgt Ion: 45 Resp: 264713

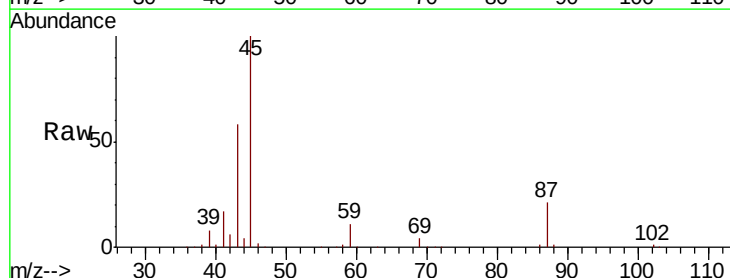
Ion Ratio Lower Upper

45 100

43 55.8 45.8 68.6

87 21.5 18.6 28.0

59 10.6 9.0 13.4



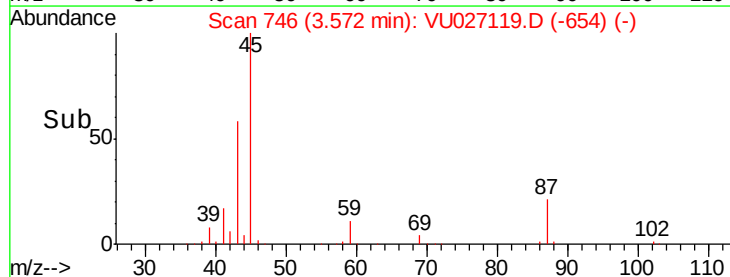
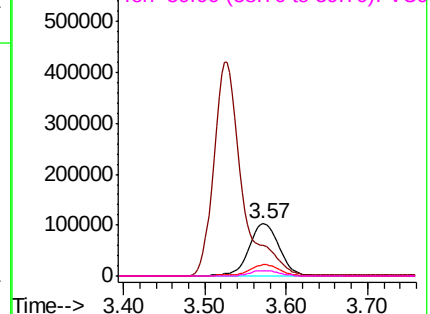
Abundance

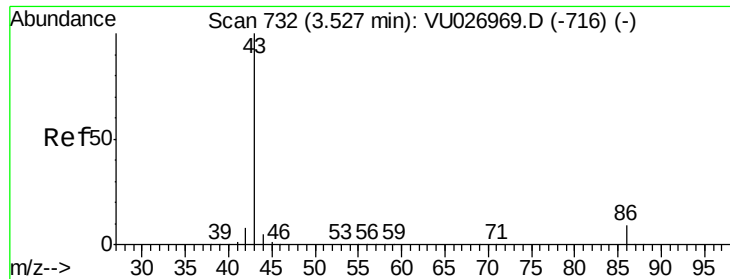
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 266.343 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

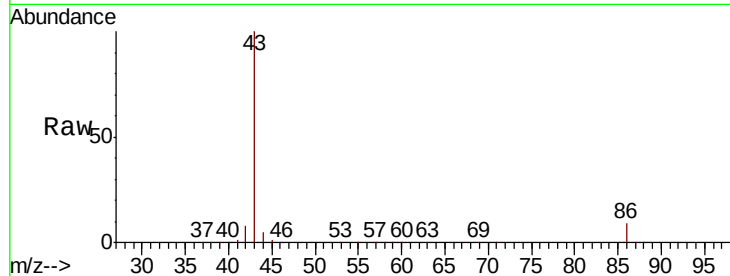
SA-PZ182I-20180916MS

Tgt Ion: 43 Resp: 1018785

Ion Ratio Lower Upper

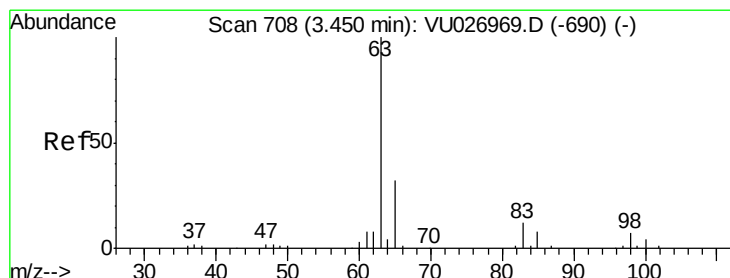
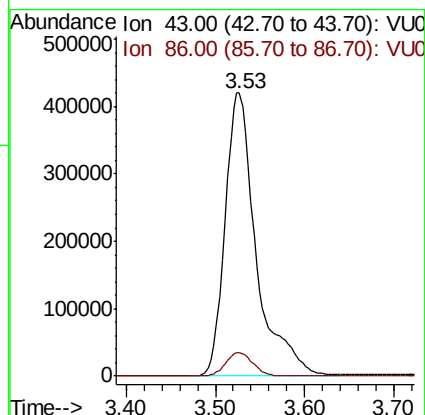
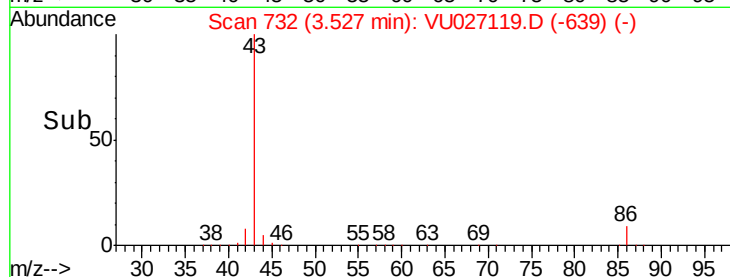
43 100

86 8.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027119.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027119.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 56.038 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

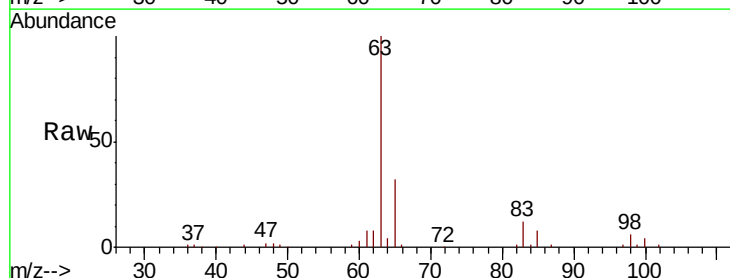
Tgt Ion: 63 Resp: 138495

Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.8

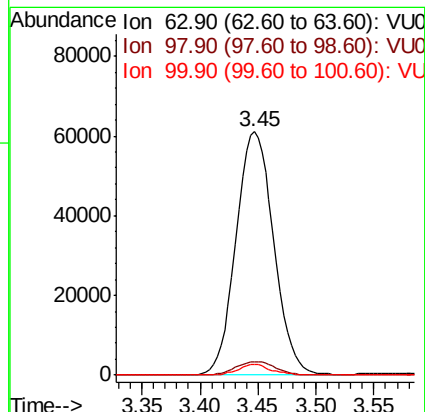
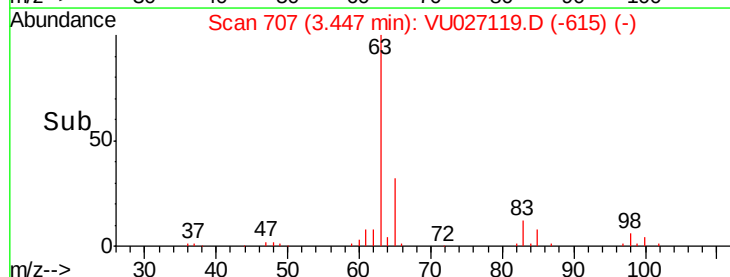
100 4.3 2.0 5.8

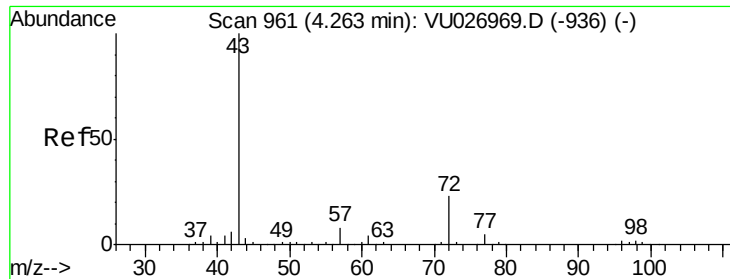


Abundance Ion 62.90 (62.60 to 63.60): VU027119.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027119.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027119.D (-615) (-)





#25

2-Butanone

Concen: 268.182 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

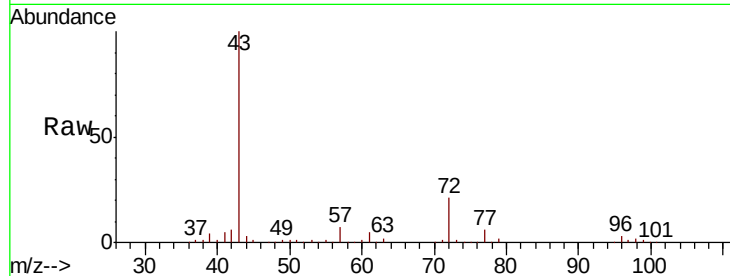
SA-PZ182I-20180916MS

Tgt Ion: 43 Resp: 339716

Ion Ratio Lower Upper

43 100

72 21.4 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

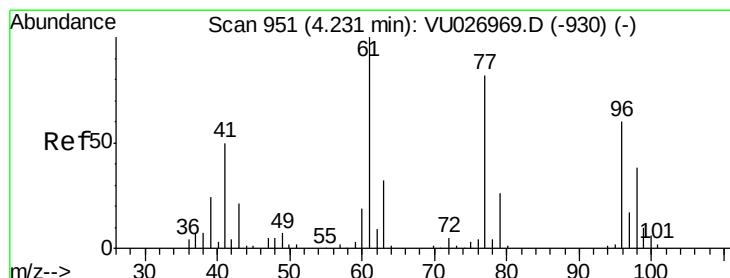
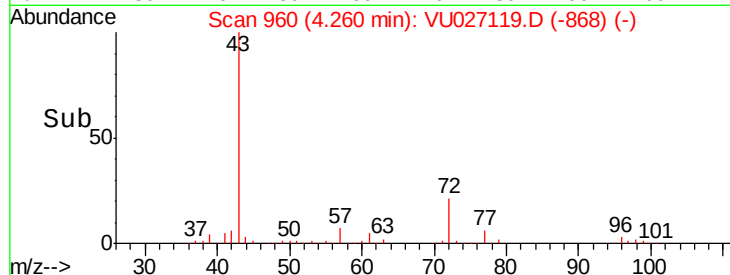
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 47.964 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027119.D

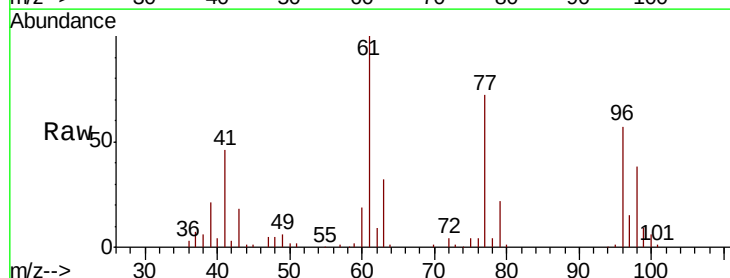
Acq: 24 Sep 2018 19:14

Tgt Ion: 77 Resp: 92446

Ion Ratio Lower Upper

77 100

97 20.9 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

40000

30000

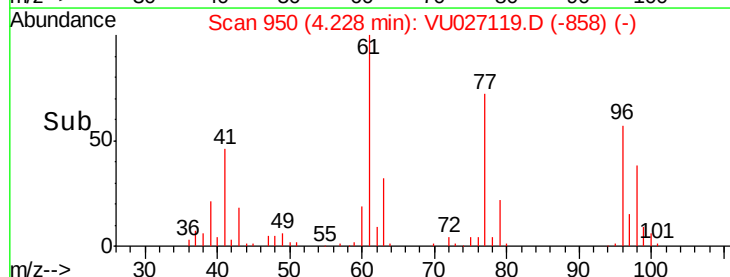
20000

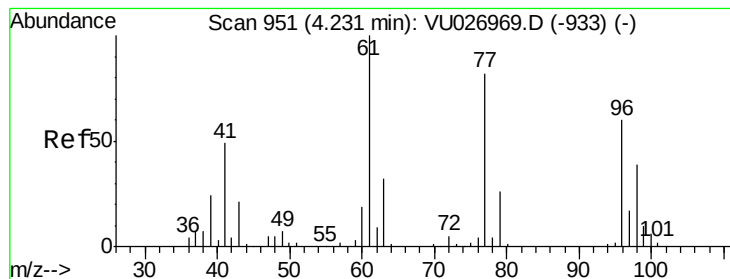
10000

0

4.10 4.20 4.30

Time-->



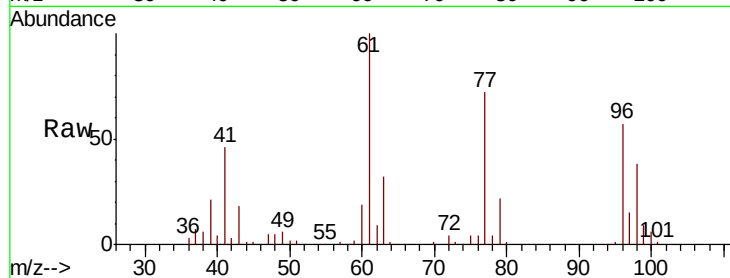


#27

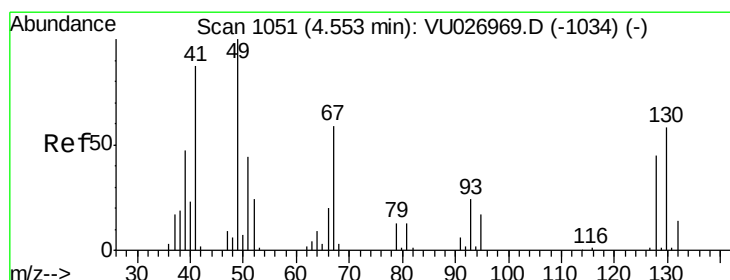
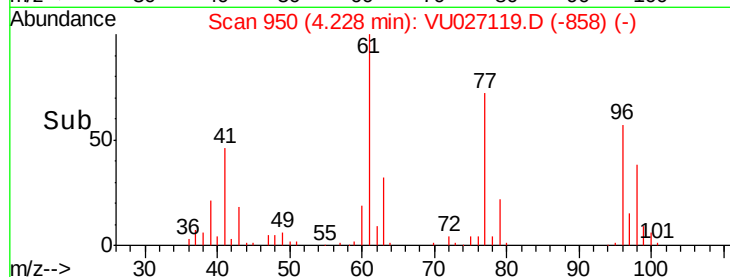
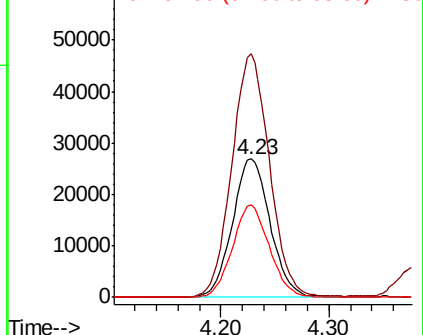
cis-1,2-Dichloroethene
Concen: 52.643 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

Tgt Ion: 96 Resp: 65655
Ion Ratio Lower Upper
96 100
61 175.0 0.0 337.2
98 65.3 0.0 127.6



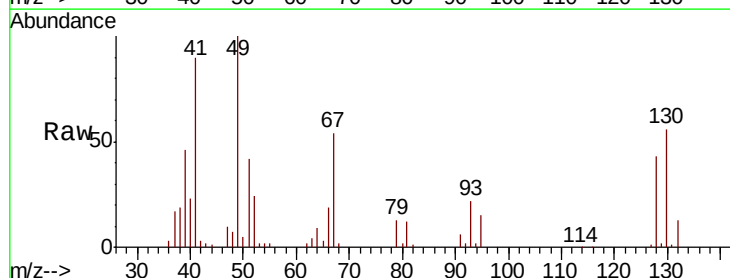
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



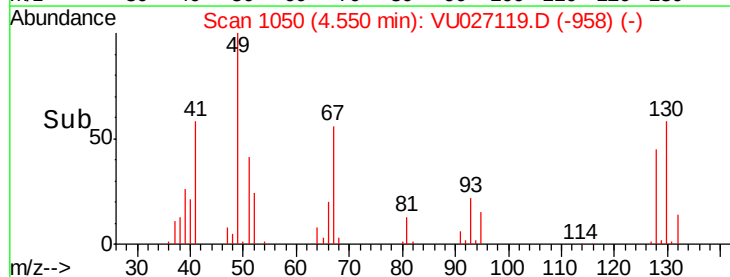
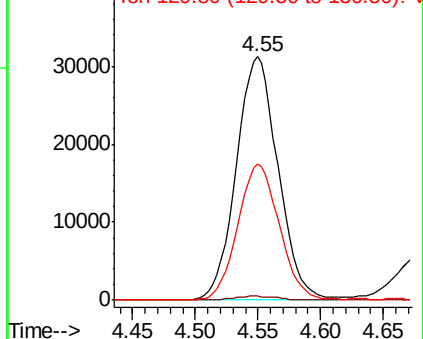
#28

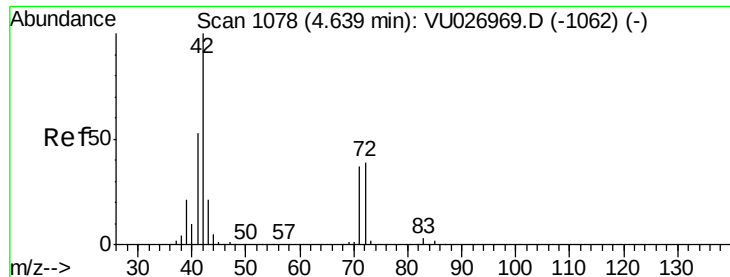
Bromochloromethane
Concen: 60.603 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion: 49 Resp: 72200
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.0
130 55.7 47.8 71.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 286.014 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

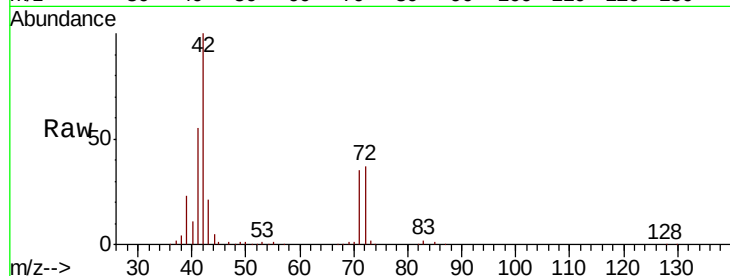
Tgt Ion: 42 Resp: 219170

Ion Ratio Lower Upper

42 100

72 37.6 31.7 47.5

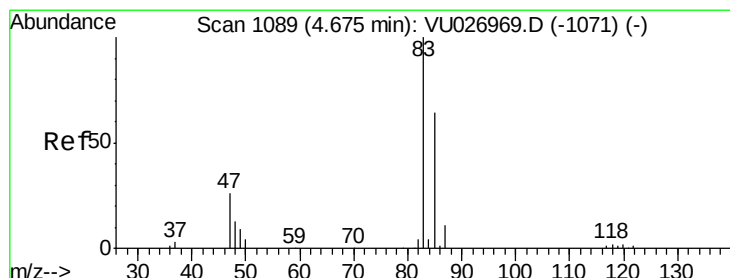
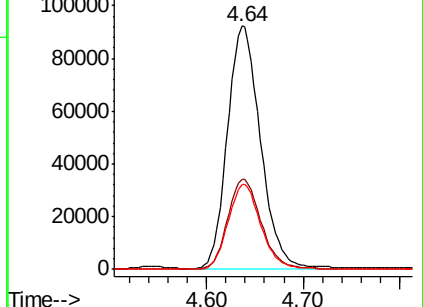
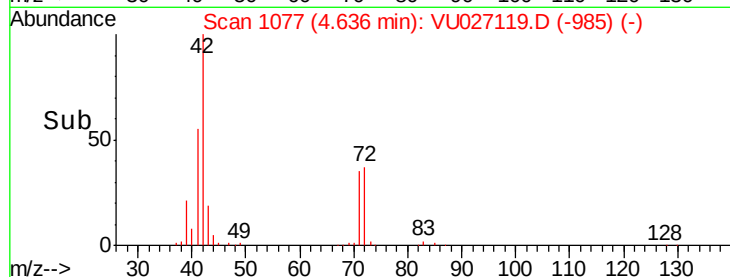
71 34.8 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU027119.D (-985) (-)

Ion 72.00 (71.70 to 72.70): VU027119.D (-985) (-)

Ion 71.00 (70.70 to 71.70): VU027119.D (-985) (-)



#30

Chloroform

Concen: 52.304 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027119.D

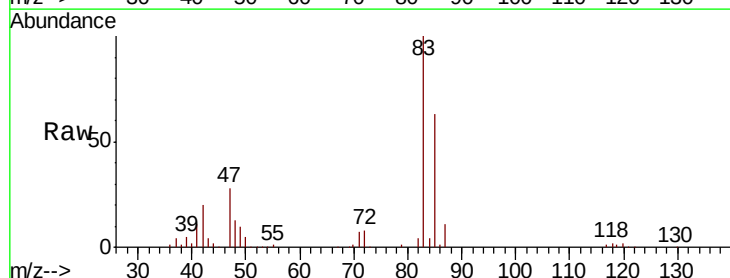
Acq: 24 Sep 2018 19:14

Tgt Ion: 83 Resp: 119991

Ion Ratio Lower Upper

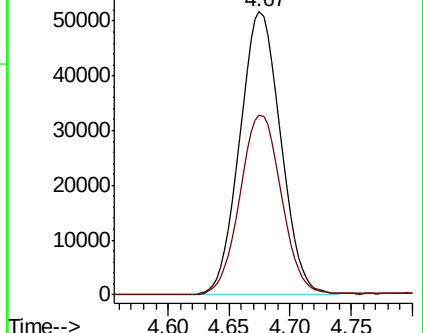
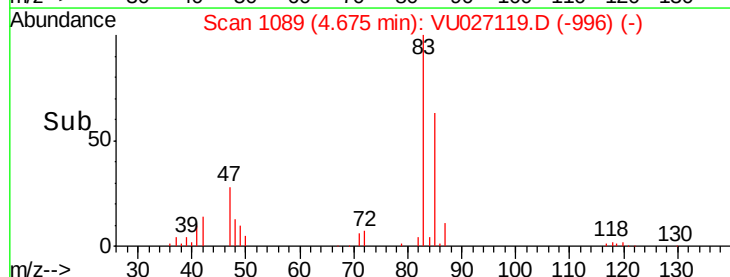
83 100

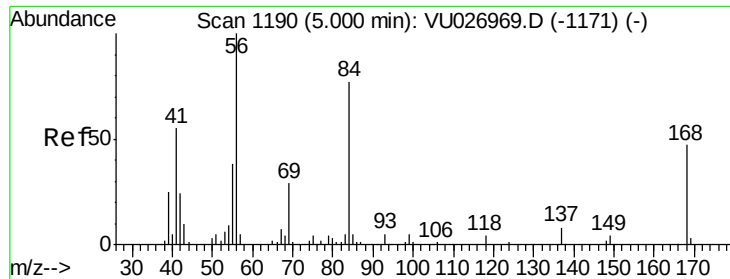
85 63.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU027119.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU027119.D (-996) (-)

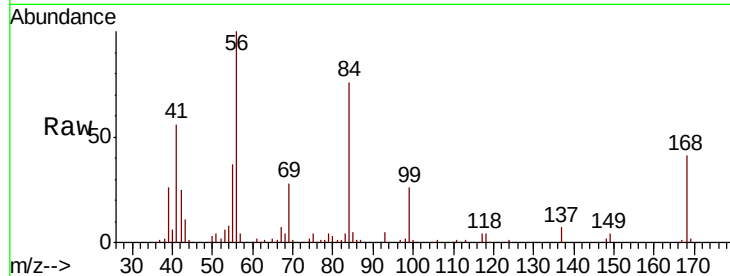




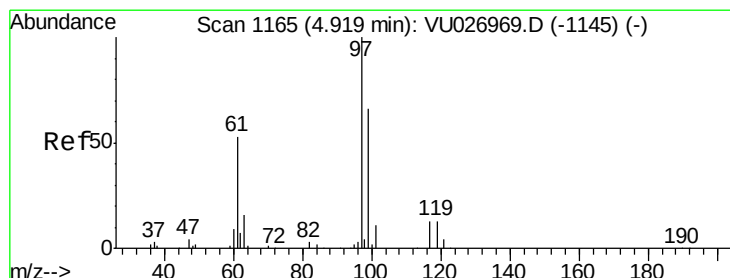
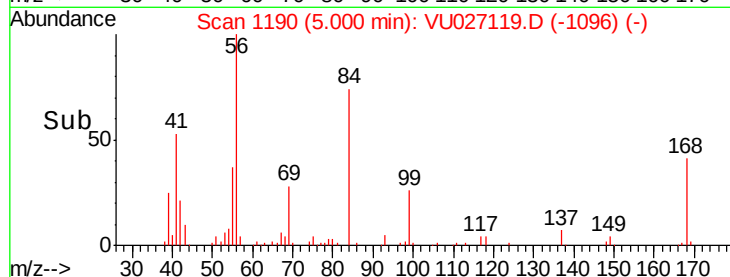
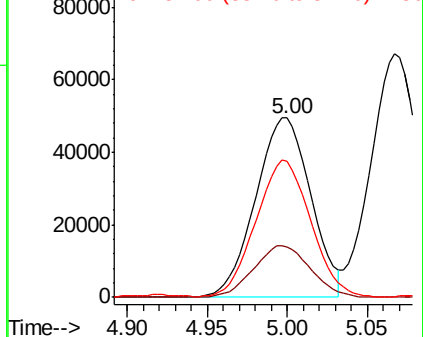
#31
Cyclohexane
Concen: 52.658 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

Tgt Ion: 56 Resp: 118231
Ion Ratio Lower Upper
56 100
69 27.9 23.0 34.4
84 75.2 61.4 92.2

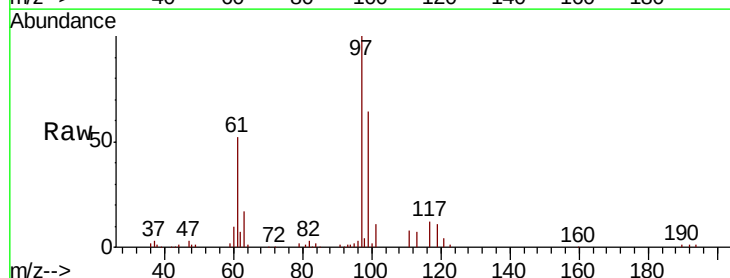


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

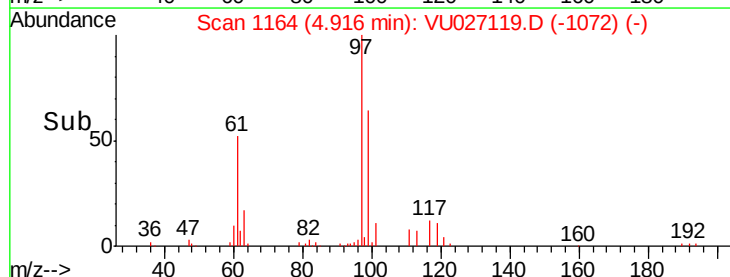
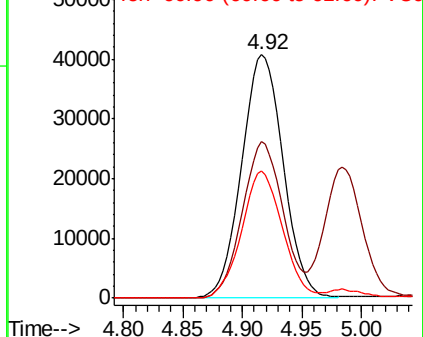


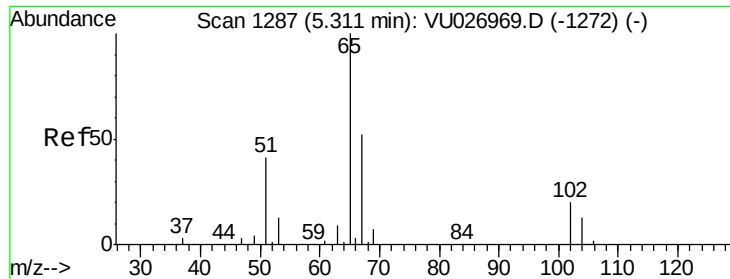
#32
1,1,1-Trichloroethane
Concen: 53.958 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion: 97 Resp: 98832
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.6
61 51.1 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

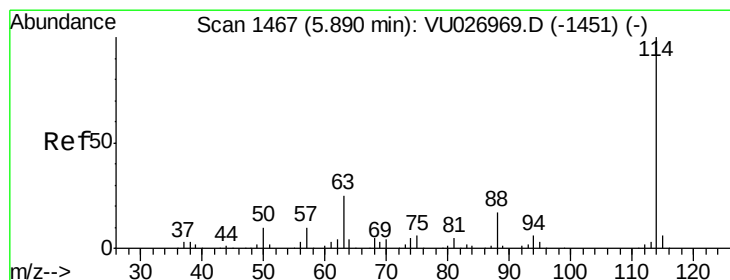
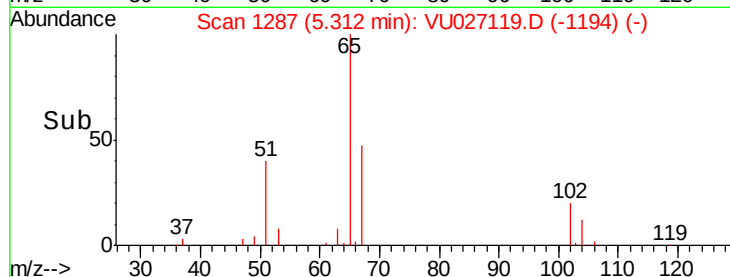
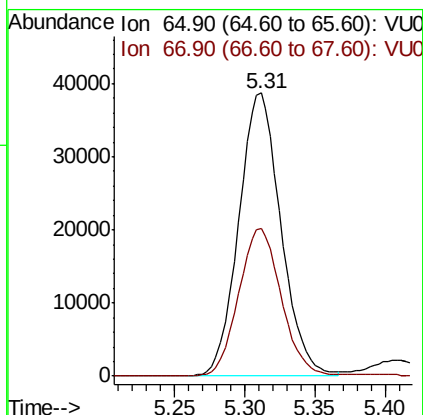
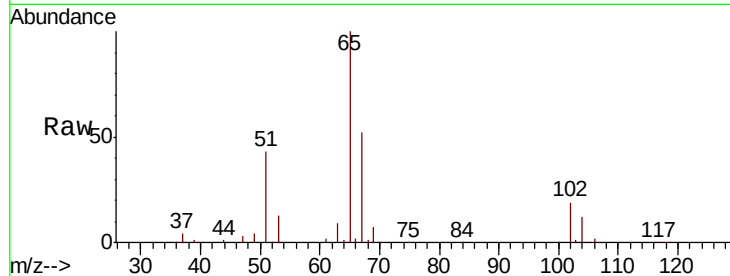




#33
 1,2-Dichloroethane-d4
 Concen: 53.722 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

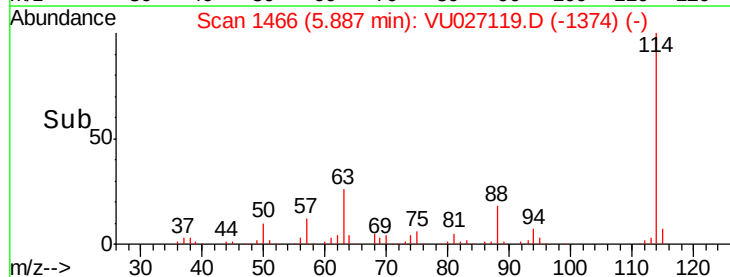
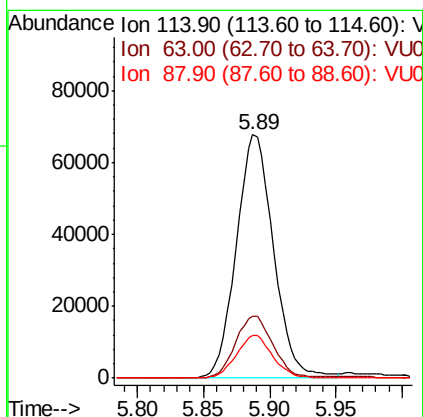
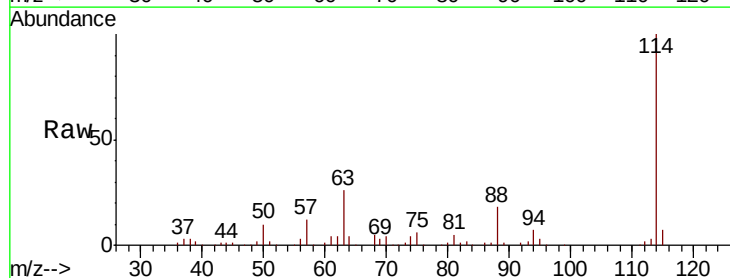
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

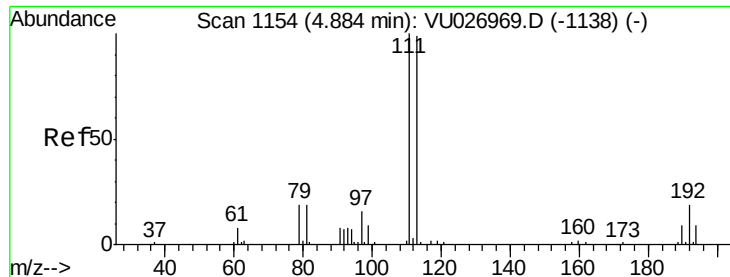
Tgt Ion: 65 Resp: 80977
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion: 114 Resp: 132522
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 17.6 0.0 33.8

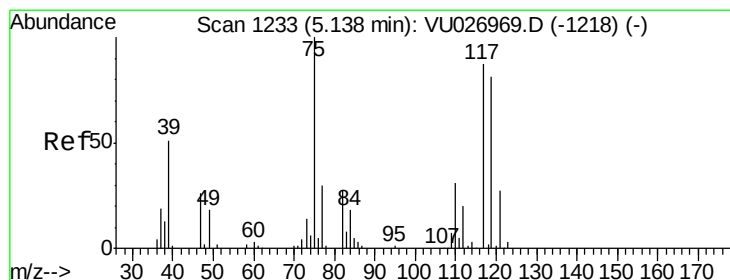
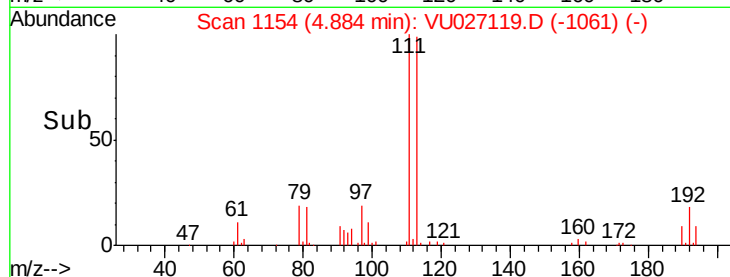
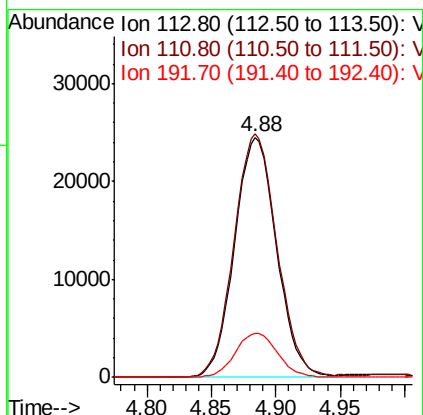
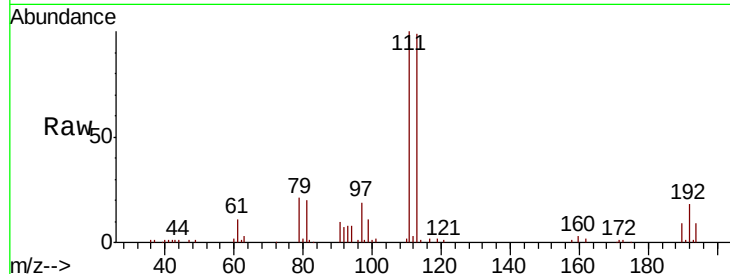




#35
 Dibromofluoromethane
 Concen: 48.415 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

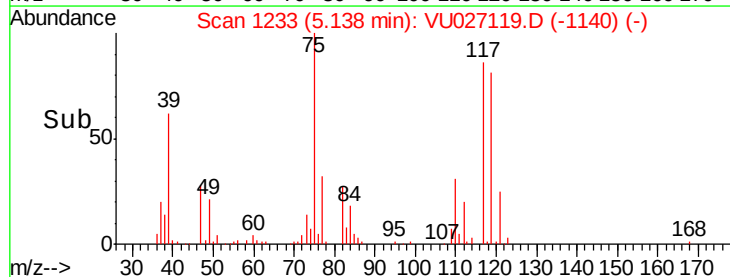
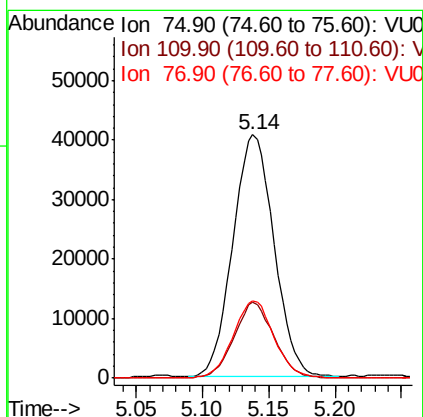
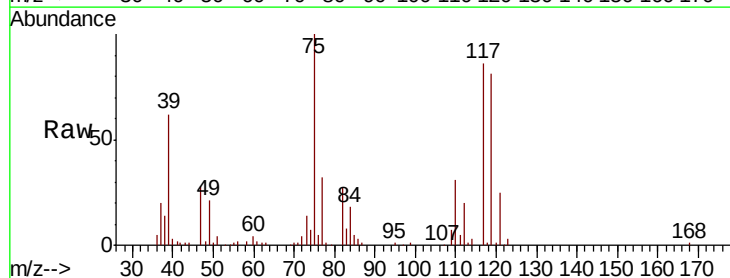
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

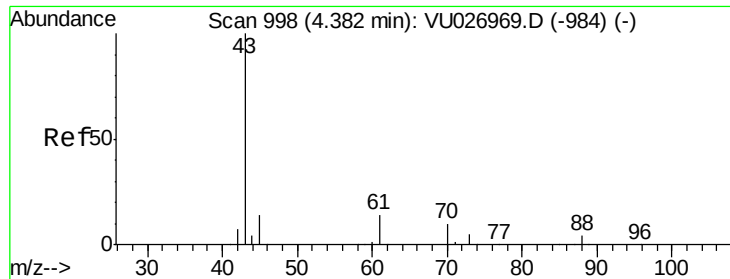
Tgt Ion: 113 Resp: 55614
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.4
 192 18.5 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 49.698 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion: 75 Resp: 87899
 Ion Ratio Lower Upper
 75 100
 110 30.6 16.1 48.2
 77 31.8 24.6 36.8





#37

Ethyl Acetate

Concen: 47.703 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

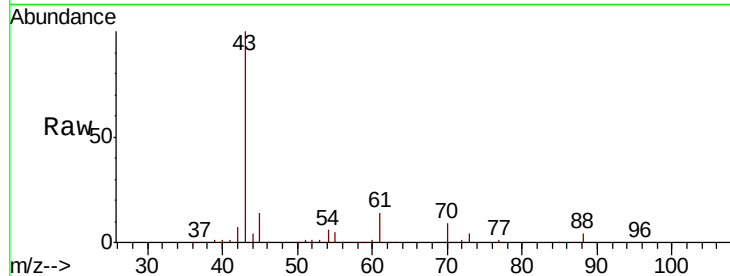
Tgt Ion: 43 Resp: 114216

Ion Ratio Lower Upper

43 100

61 13.6 10.5 15.7

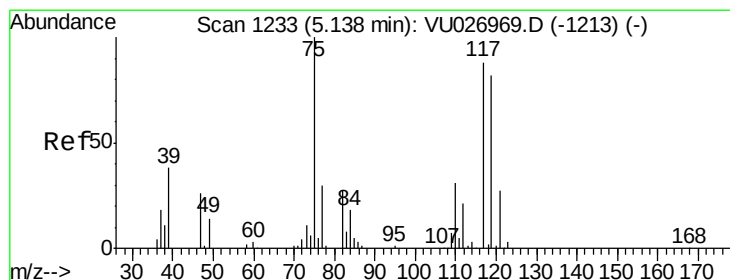
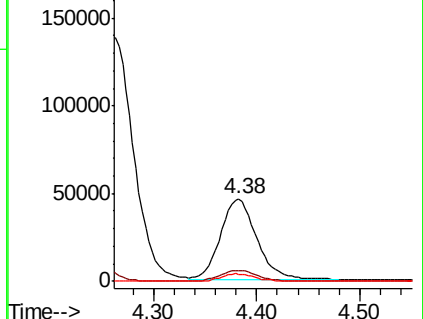
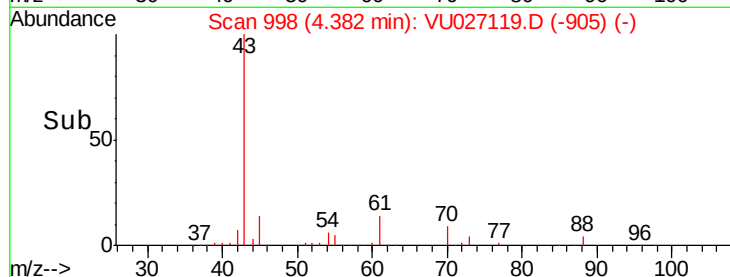
70 8.5 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU027119.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027119.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027119.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 48.899 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

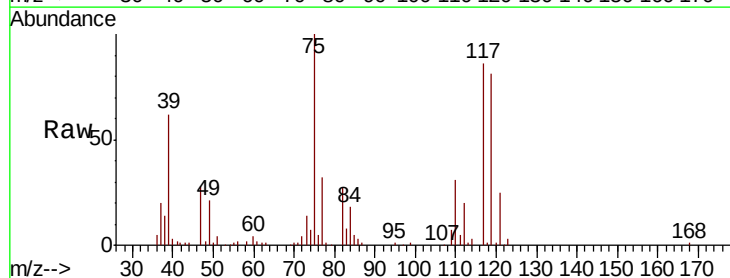
Tgt Ion: 117 Resp: 82302

Ion Ratio Lower Upper

117 100

119 94.4 74.4 111.6

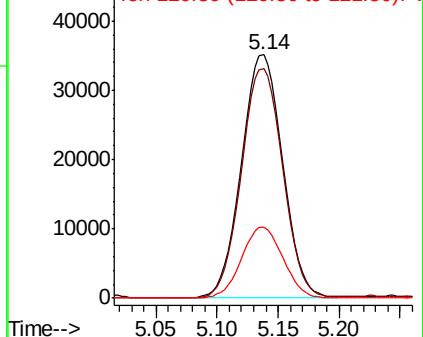
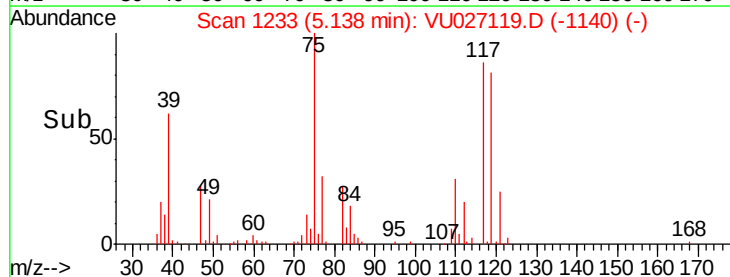
121 29.1 24.2 36.4

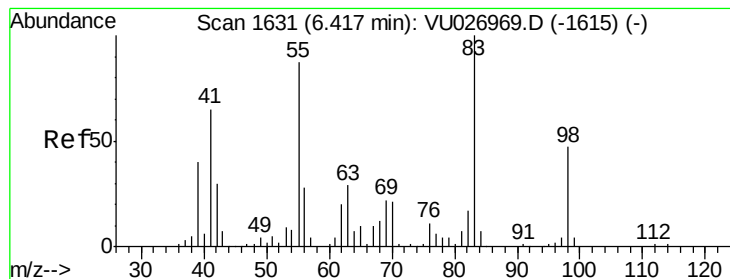


Abundance Ion 116.80 (116.50 to 117.50): VU027119.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027119.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027119.D (-1140) (-)





#39

Methylcyclohexane

Concen: 51.095 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

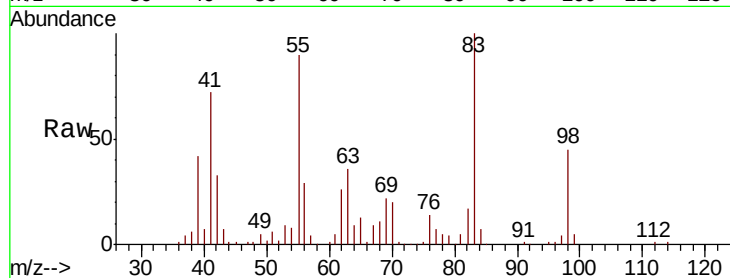
Tgt Ion: 83 Resp: 98207

Ion Ratio Lower Upper

83 100

55 89.6 69.9 104.9

98 44.7 37.5 56.3

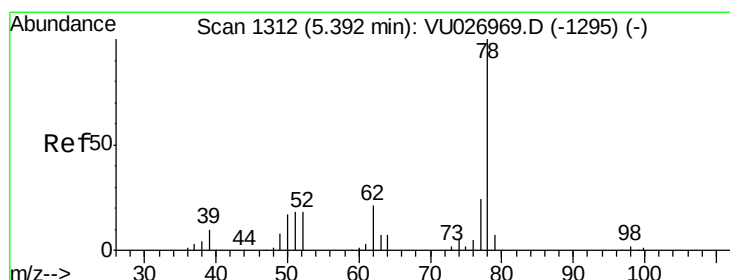
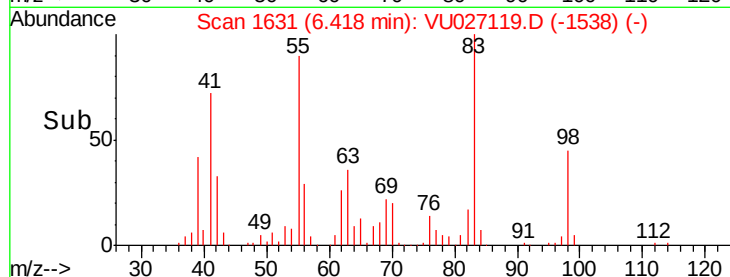
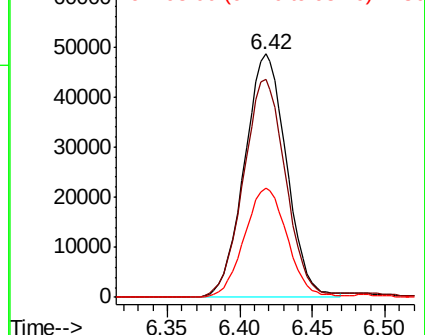


Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#40

Benzene

Concen: 49.533 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027119.D

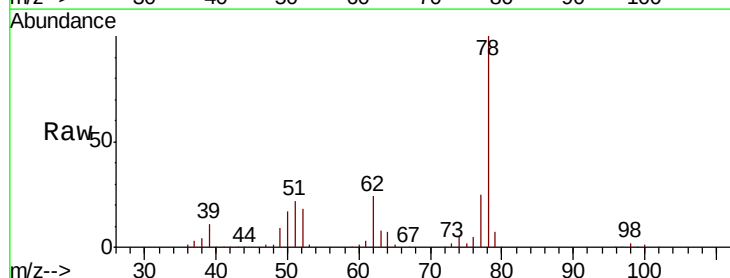
Acq: 24 Sep 2018 19:14

Tgt Ion: 78 Resp: 266321

Ion Ratio Lower Upper

78 100

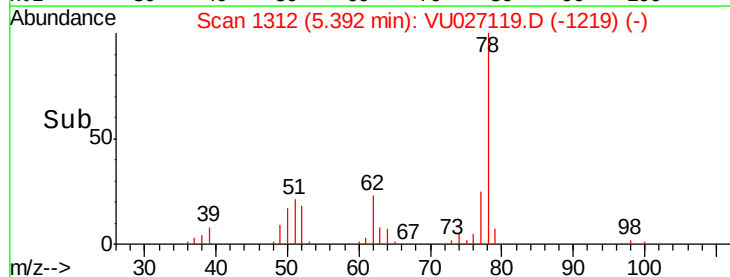
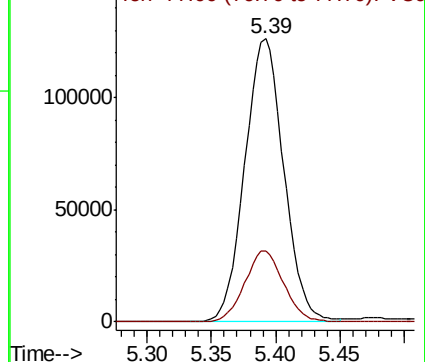
77 24.9 19.4 29.0

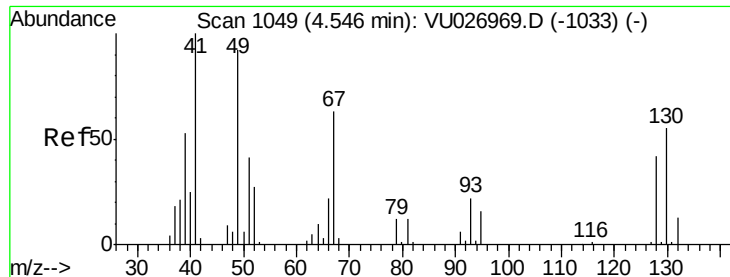


Abundance

Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

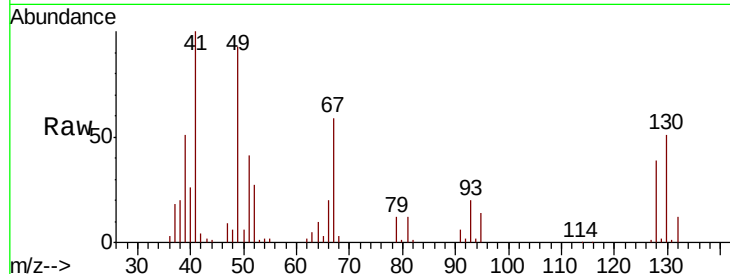




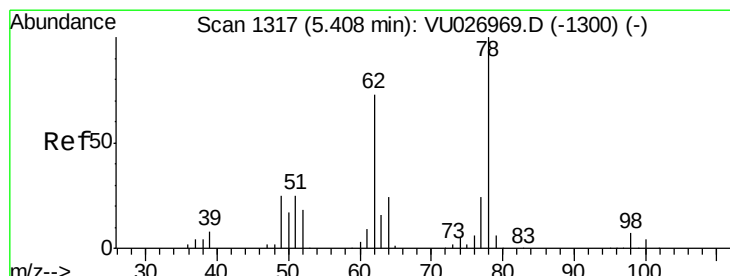
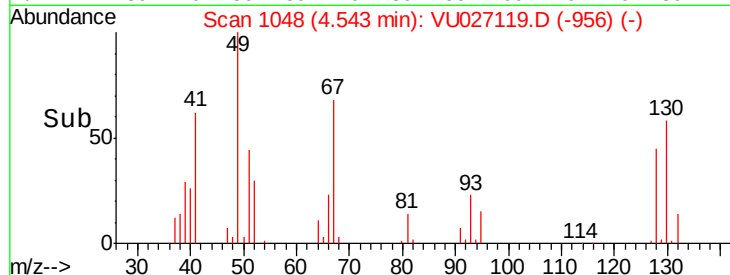
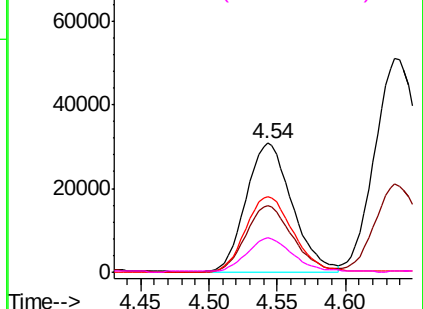
#41
Methacrylonitrile
Concen: 58.370 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

Tgt Ion:	41	Resp:	72581
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.9	64.3
67	60.8	52.4	78.6
52	25.9	21.3	31.9

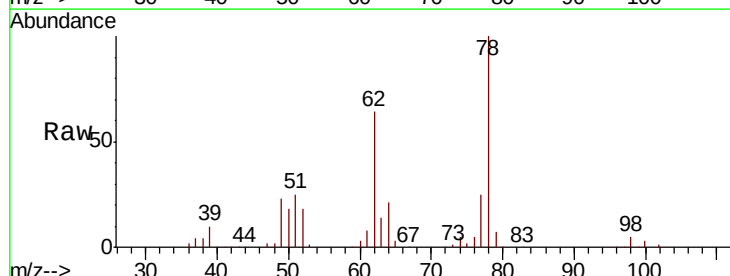


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

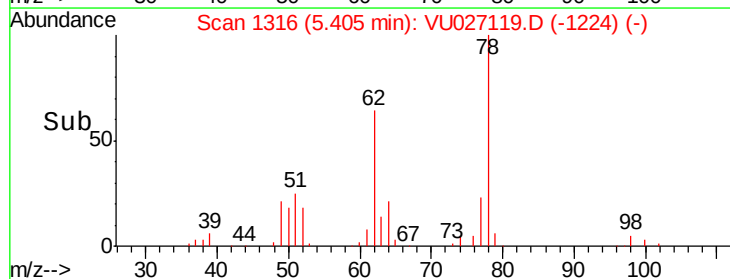
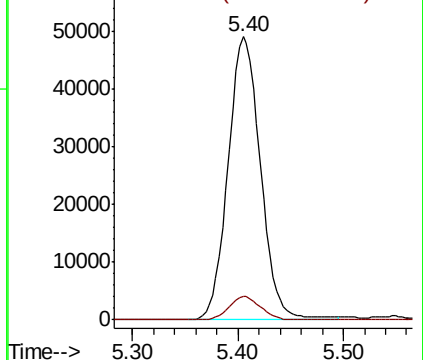


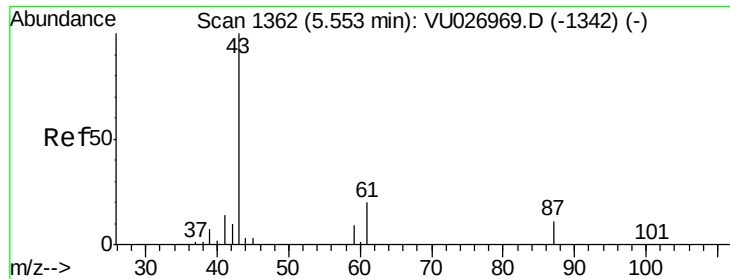
#42
1,2-Dichloroethane
Concen: 51.622 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion:	62	Resp:	104865
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

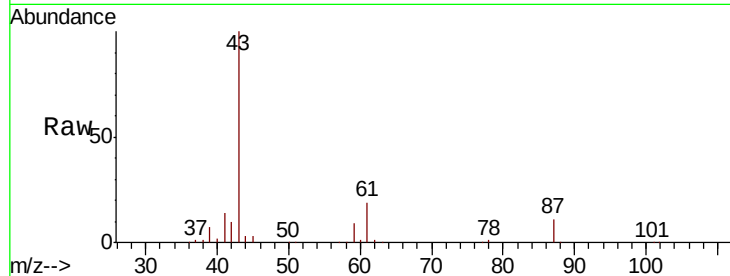




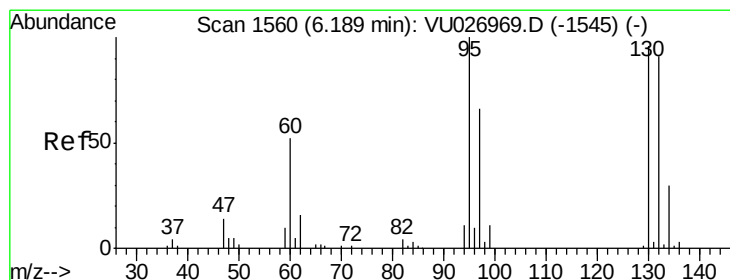
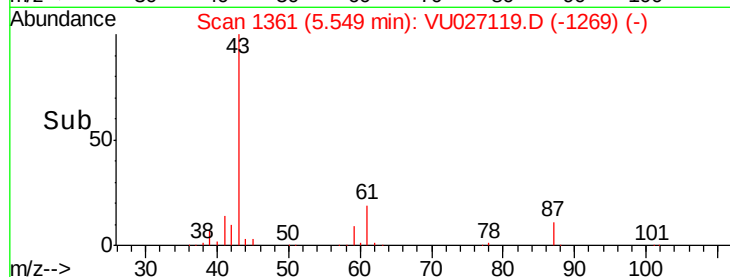
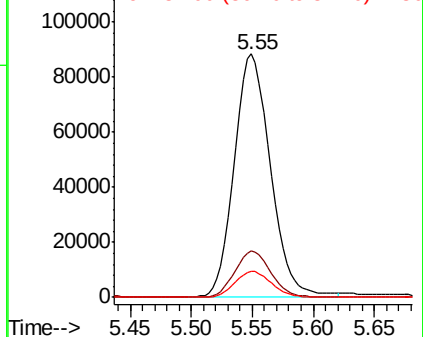
#43
Isopropyl Acetate
Concen: 52.073 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

Tgt Ion: 43 Resp: 181828
Ion Ratio Lower Upper
43 100
61 19.0 15.7 23.5
87 10.7 9.0 13.4

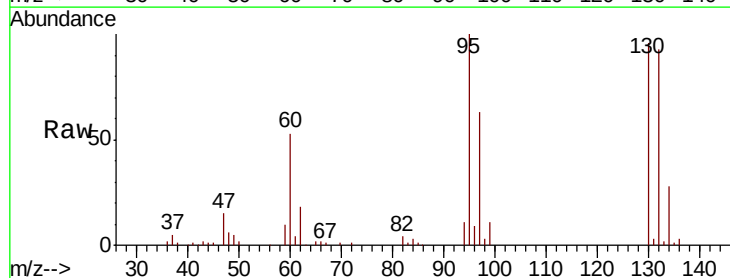


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

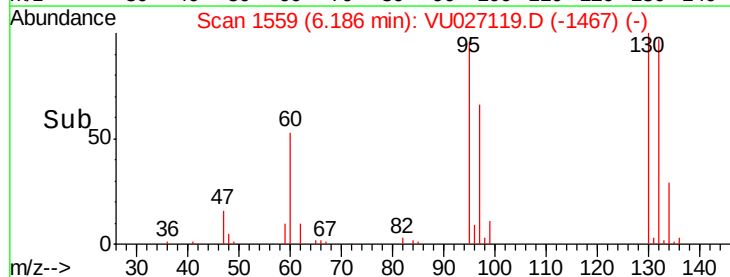
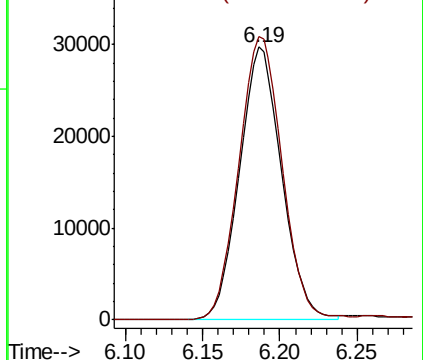


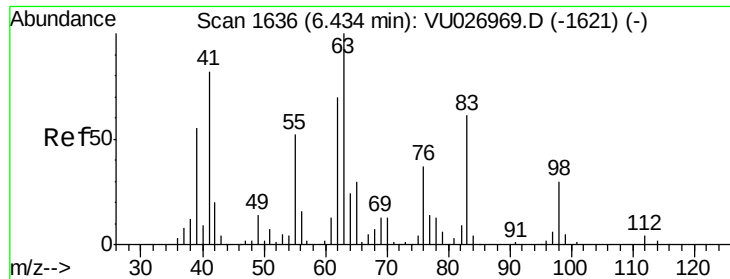
#44
Trichloroethene
Concen: 49.212 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion: 130 Resp: 56330
Ion Ratio Lower Upper
130 100
95 103.9 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 52.401 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

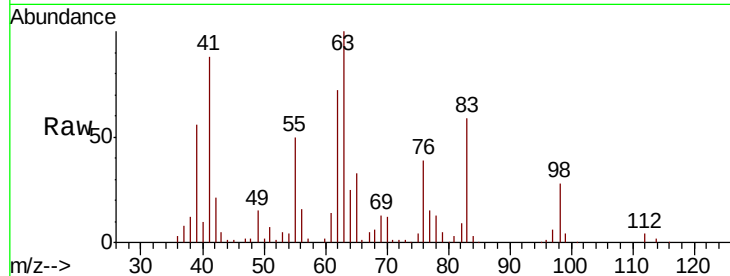
SA-PZ182I-20180916MS

Tgt Ion: 63 Resp: 80279

Ion Ratio Lower Upper

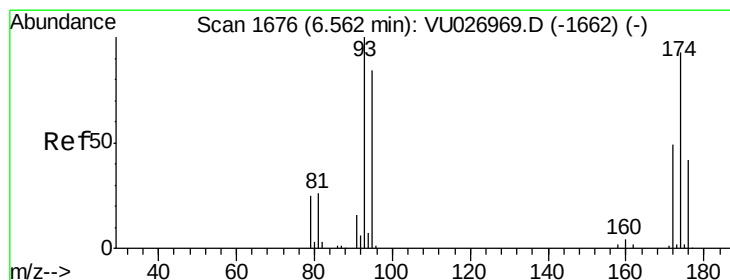
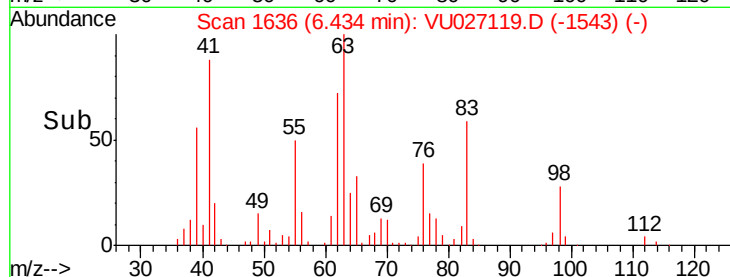
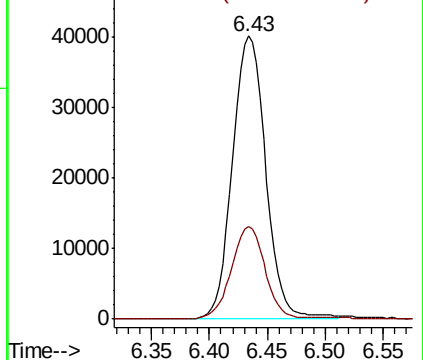
63 100

65 32.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 51.064 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

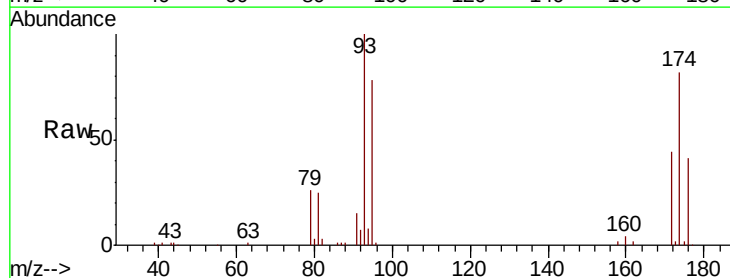
Tgt Ion: 93 Resp: 47247

Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.4

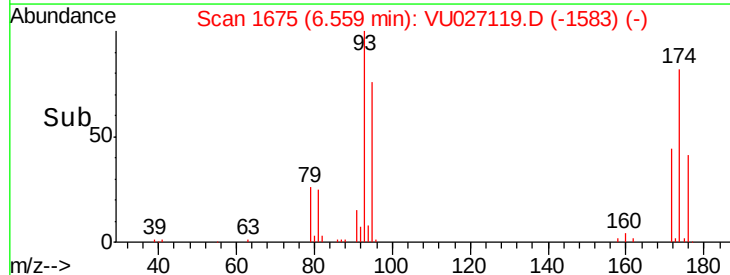
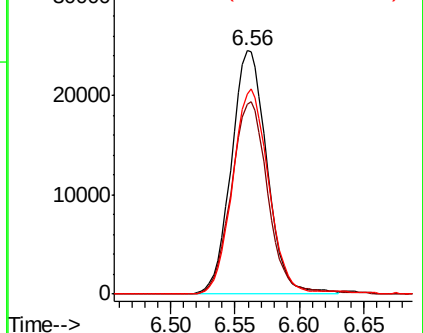
174 85.7 71.7 107.5

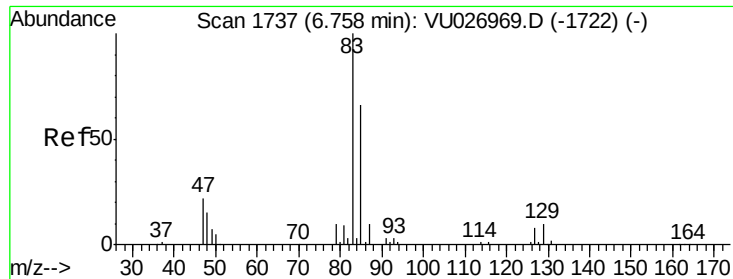


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

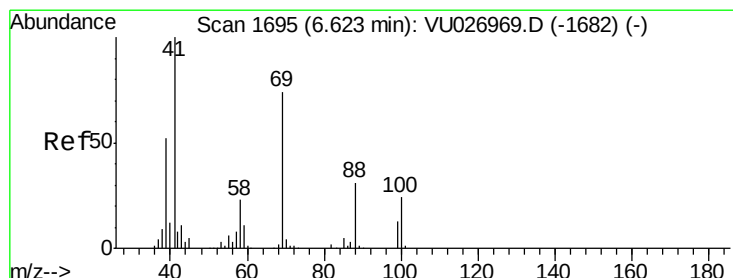
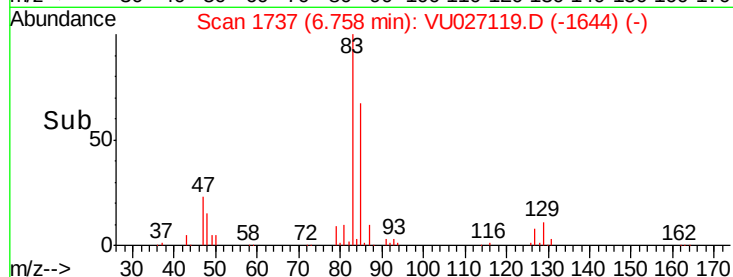
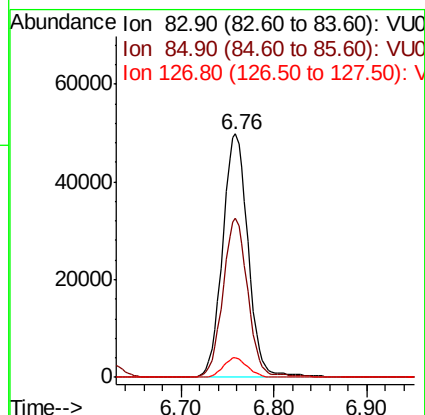
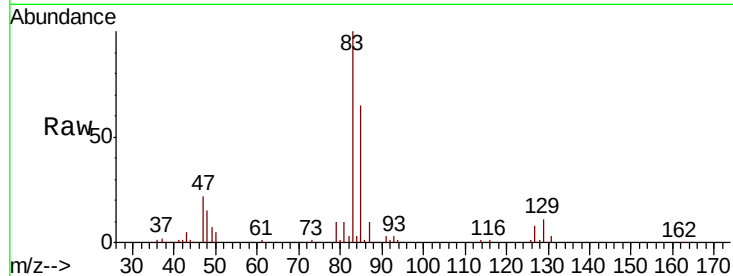




#47
Bromodichloromethane
Concen: 50.720 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

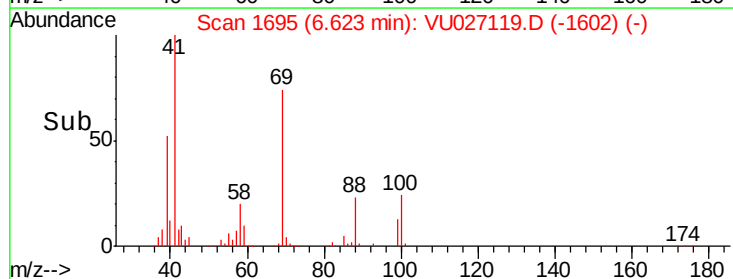
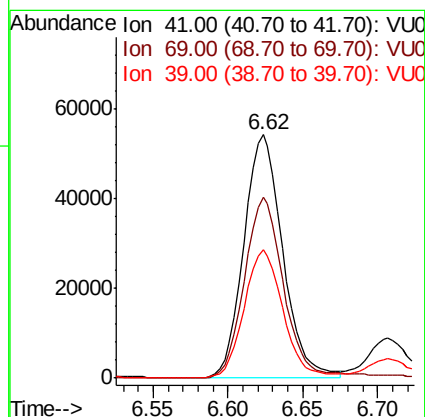
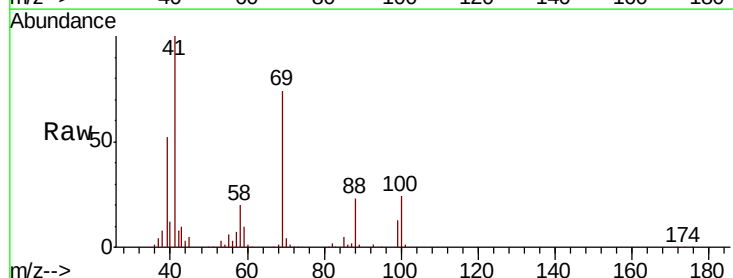
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

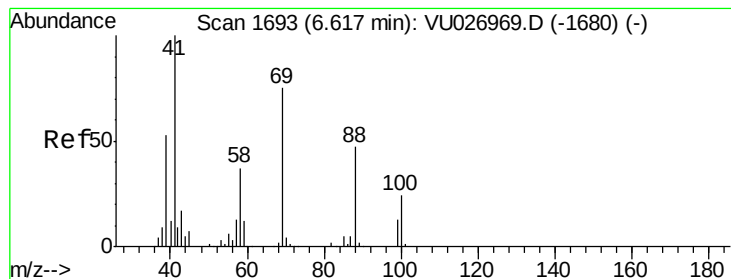
Tgt Ion: 83 Resp: 94893
Ion Ratio Lower Upper
83 100
85 65.3 52.5 78.7
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 51.353 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion: 41 Resp: 97649
Ion Ratio Lower Upper
41 100
69 76.8 60.6 90.8
39 52.8 42.8 64.2





#49

1,4-Dioxane

Concen: 840.694 ug/l

RT: 6.61 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

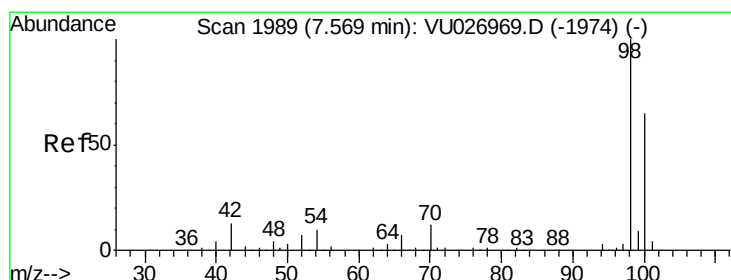
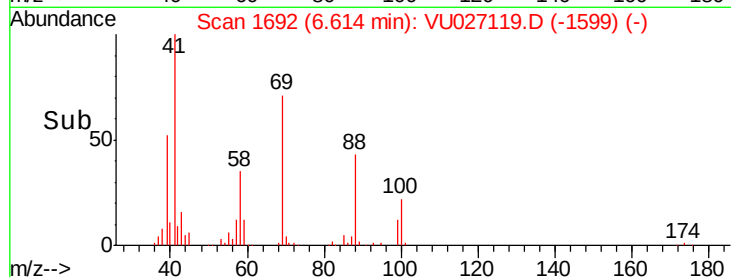
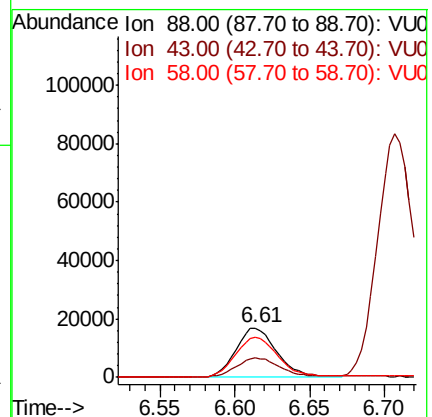
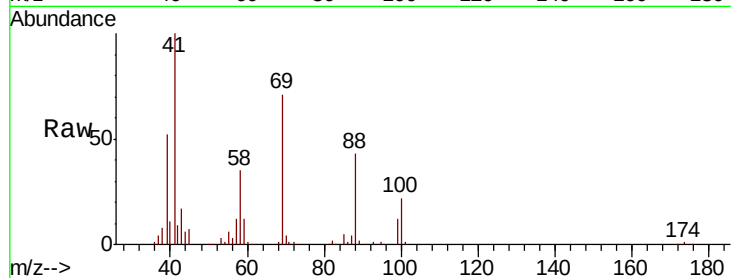
Tgt Ion: 88 Resp: 31741

Ion Ratio Lower Upper

88 100

43 41.5 29.8 44.8

58 86.6 63.9 95.9



#50

Toluene-d8

Concen: 48.662 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027119.D

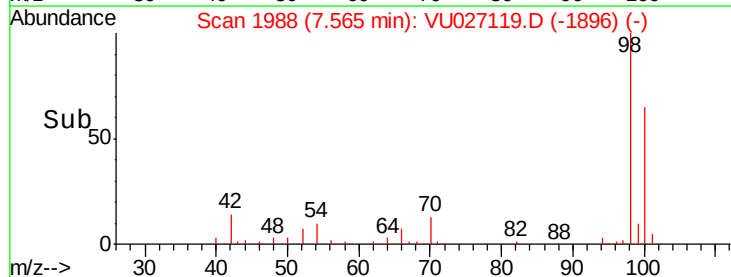
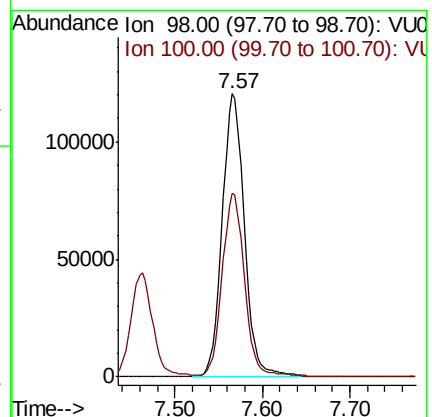
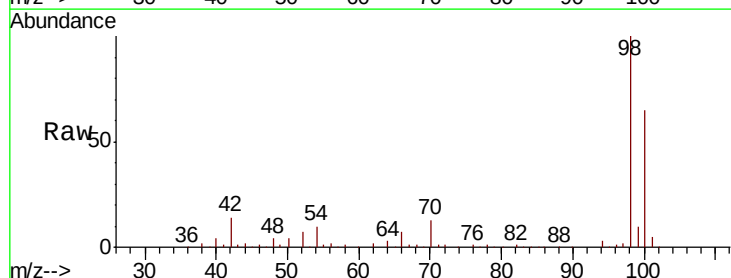
Acq: 24 Sep 2018 19:14

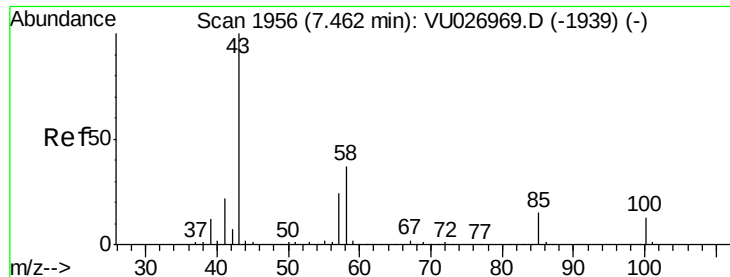
Tgt Ion: 98 Resp: 213030

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 279.999 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

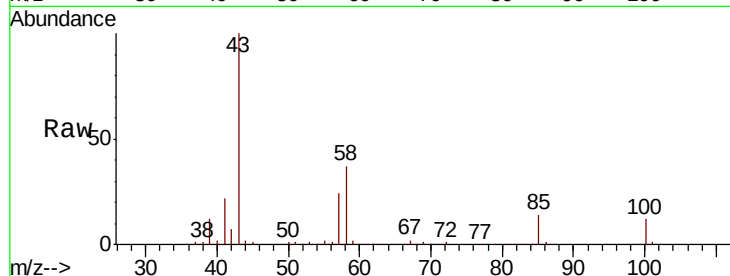
SA-PZ182I-20180916MS

Tgt Ion: 43 Resp: 657559

Ion Ratio Lower Upper

43 100

58 36.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

400000

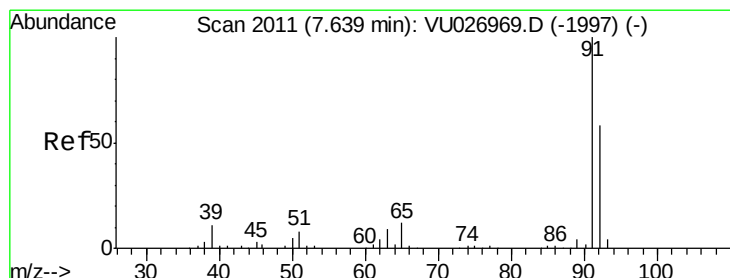
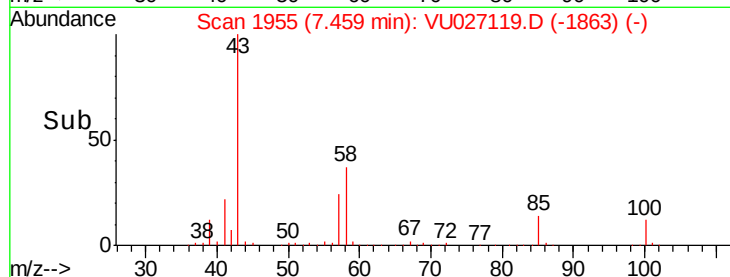
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.363 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027119.D

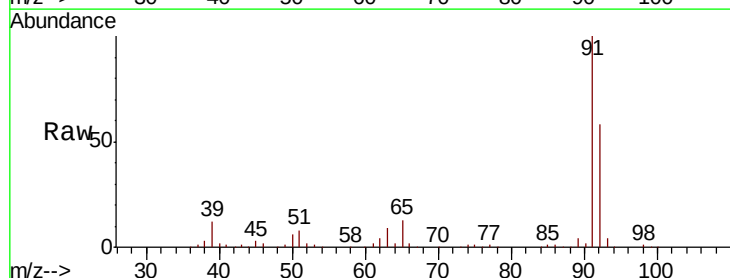
Acq: 24 Sep 2018 19:14

Tgt Ion: 92 Resp: 161378

Ion Ratio Lower Upper

92 100

91 172.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

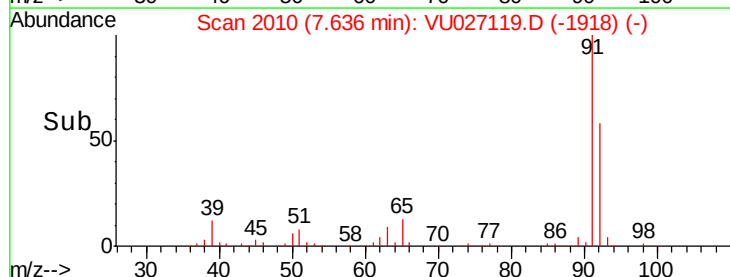
150000

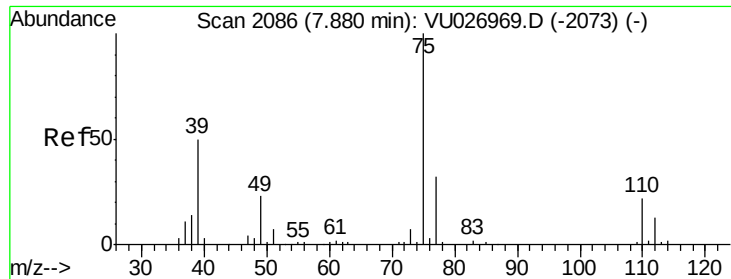
100000

50000

0

Time-->

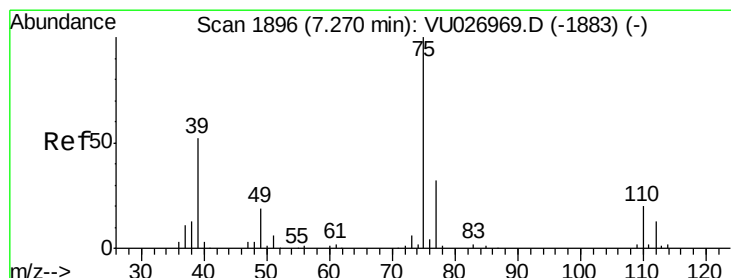
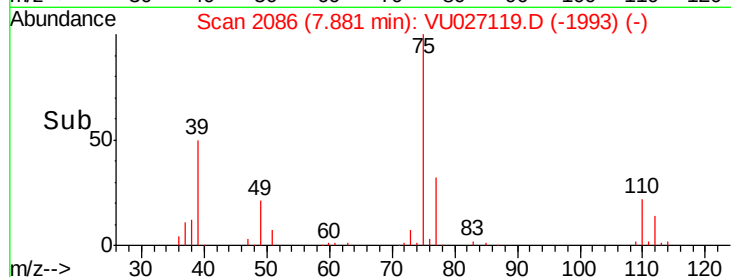
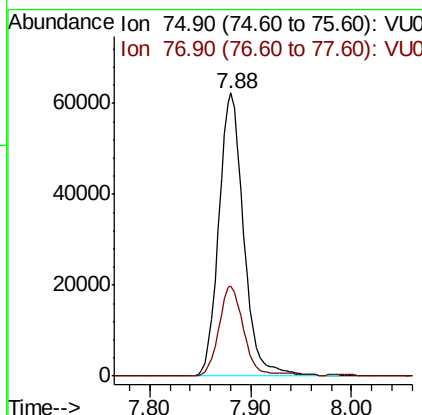
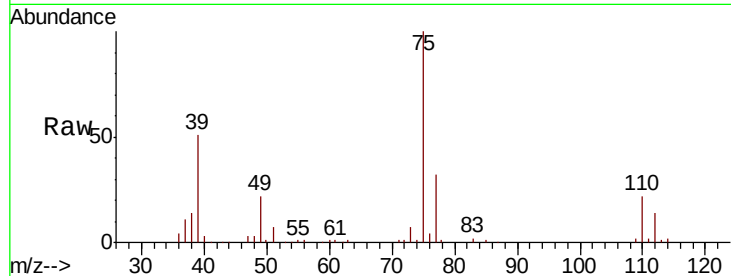




#53
 t-1,3-Dichloropropene
 Concen: 53.393 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

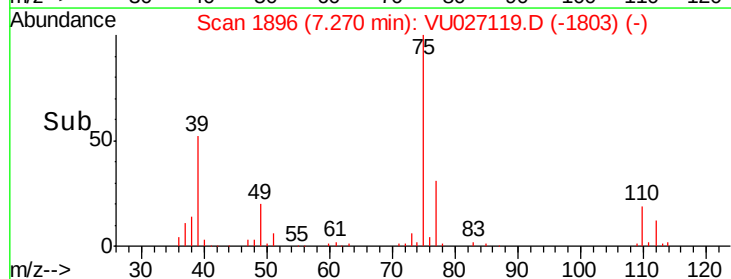
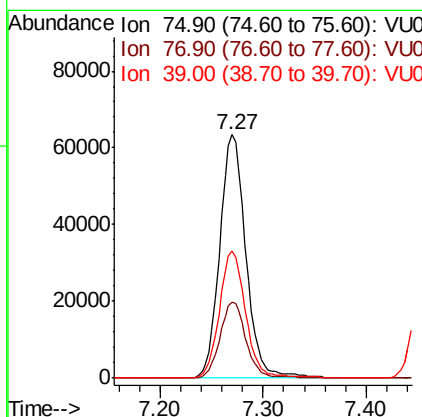
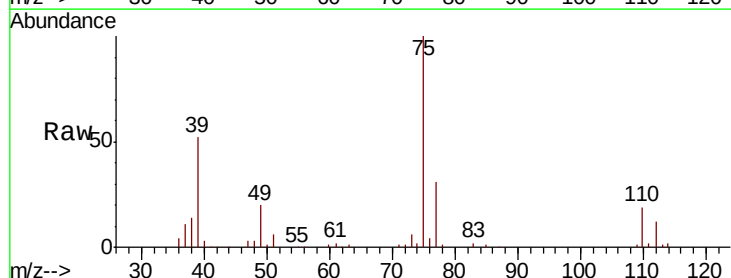
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

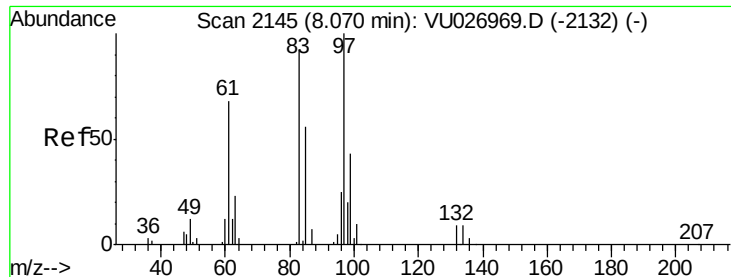
Tgt Ion: 75 Resp: 107327
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.719 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion: 75 Resp: 112098
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 51.8 41.6 62.4

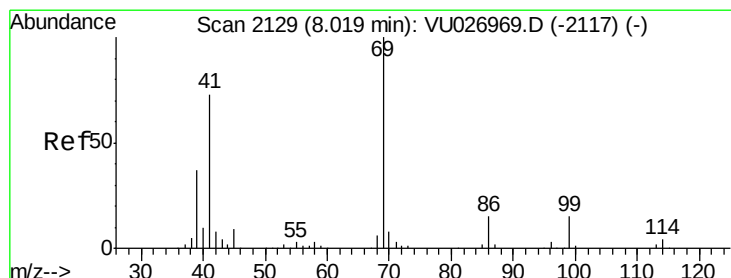
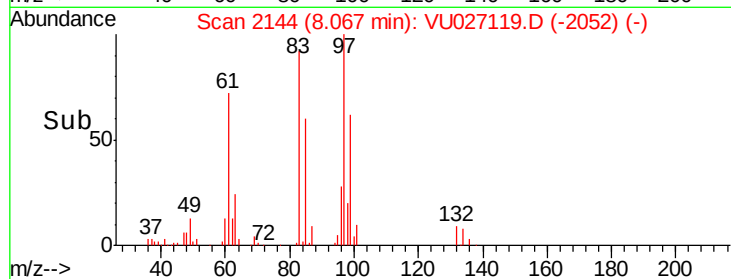
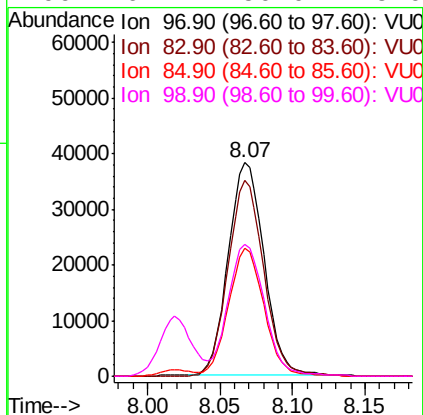
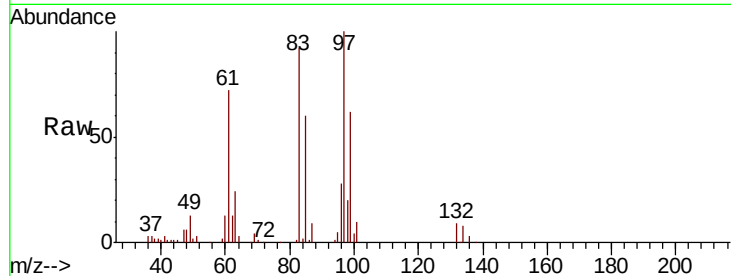




#55
 1,1,2-Trichloroethane
 Concen: 50.452 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

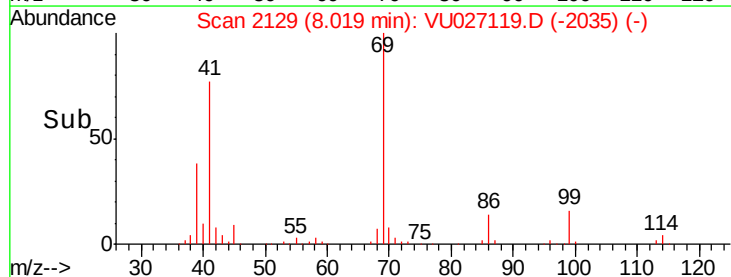
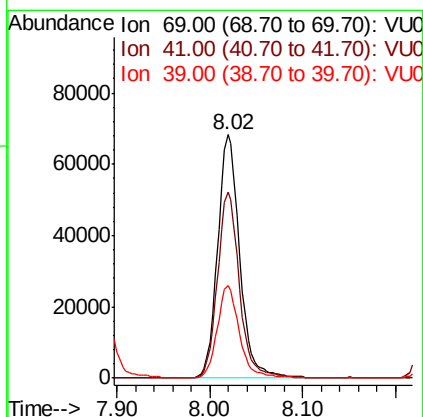
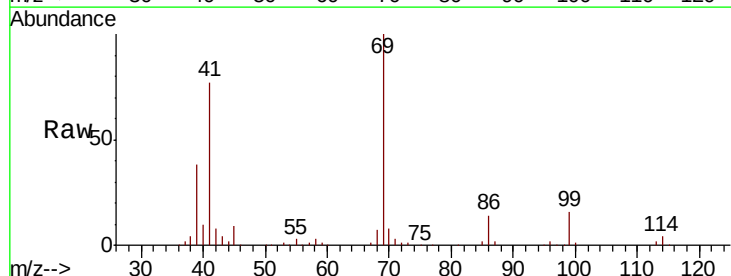
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

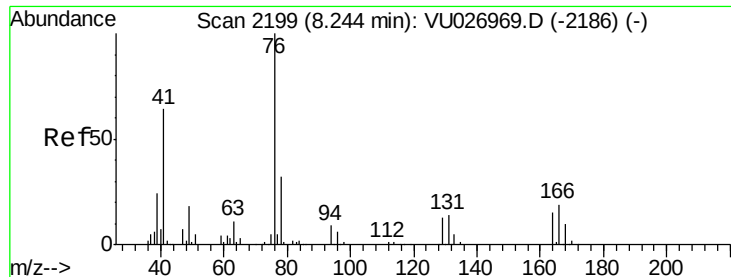
Tgt Ion: 97 Resp: 65884
 Ion Ratio Lower Upper
 97 100
 83 91.9 73.1 109.7
 85 59.6 46.7 70.1
 99 61.4 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 49.717 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion: 69 Resp: 112621
 Ion Ratio Lower Upper
 69 100
 41 76.2 59.0 88.4
 39 37.6 30.2 45.4





#57

1,3-Dichloropropane

Concen: 52.370 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

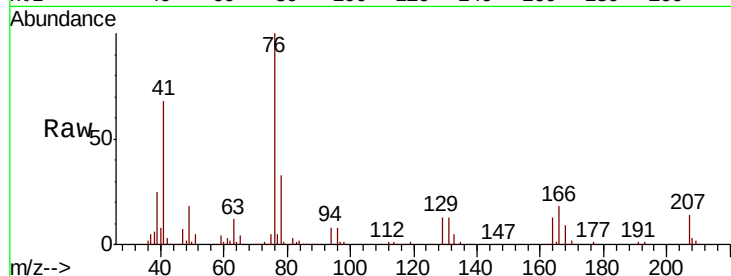
SA-PZ182I-20180916MS

Tgt Ion: 76 Resp: 127197

Ion Ratio Lower Upper

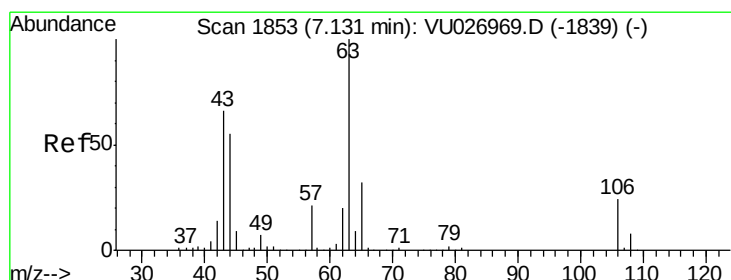
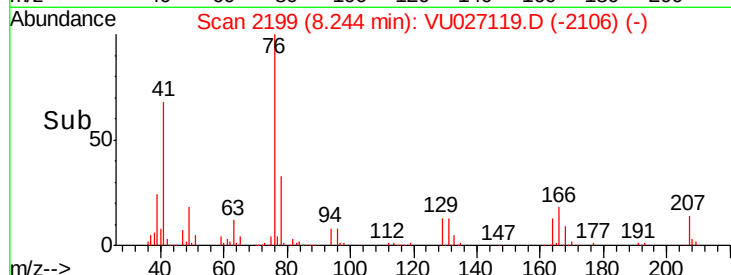
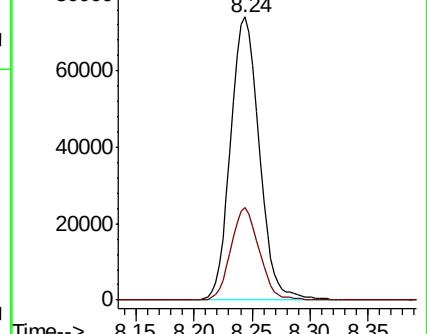
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 5.354 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. 0.14 min

Lab File: VU027119.D

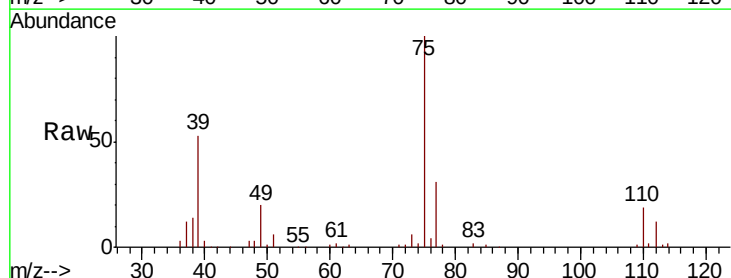
Acq: 24 Sep 2018 19:14

Tgt Ion: 63 Resp: 646

Ion Ratio Lower Upper

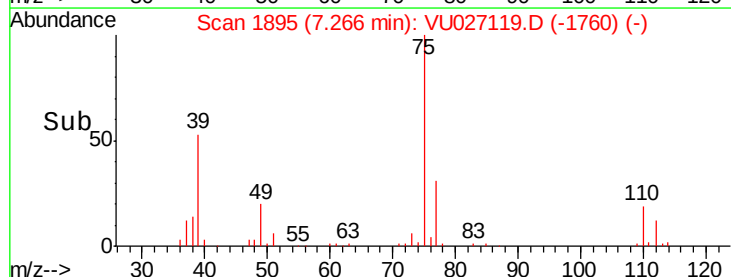
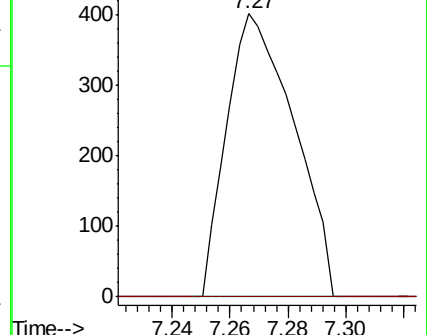
63 100

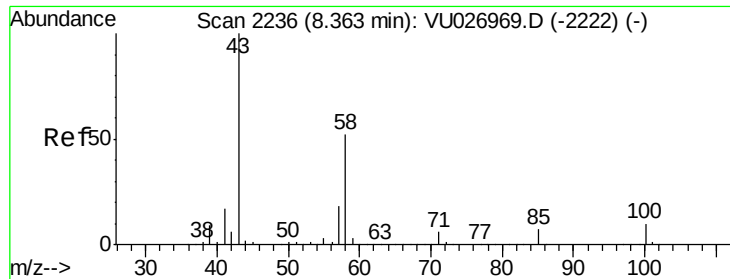
106 0.0 18.7 28.1#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

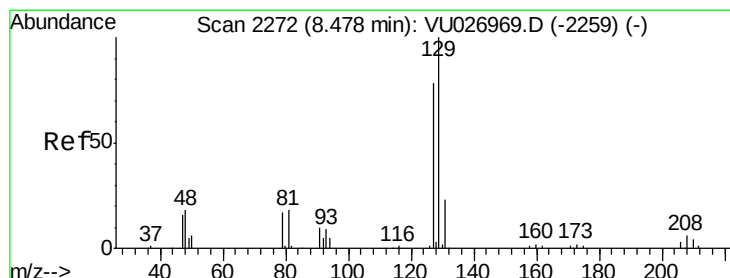
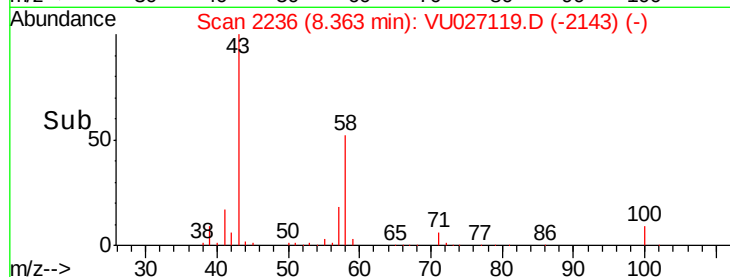
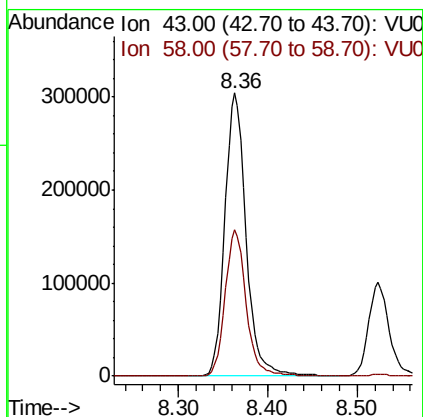
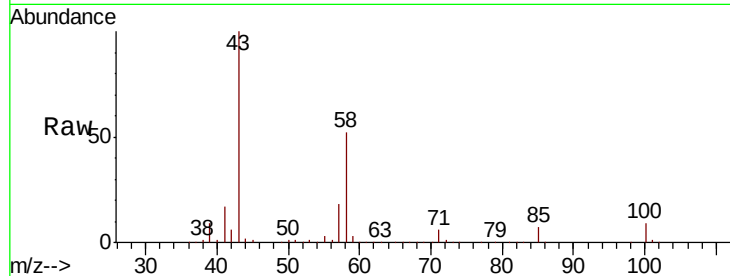




#59
2-Hexanone
Concen: 272.249 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

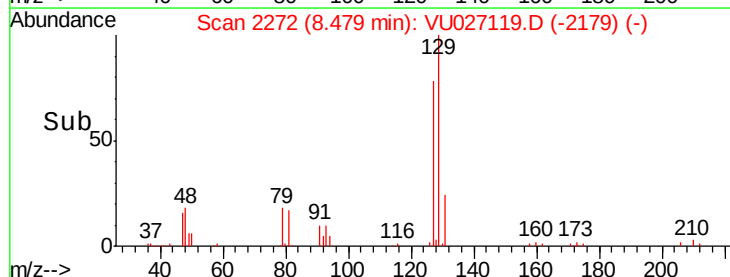
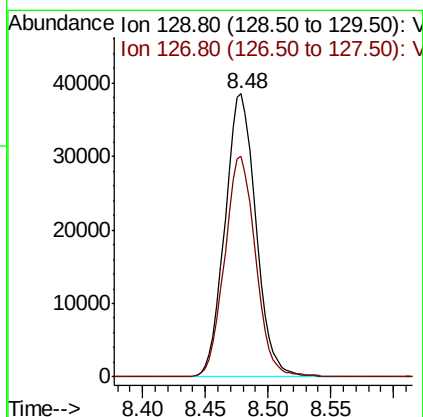
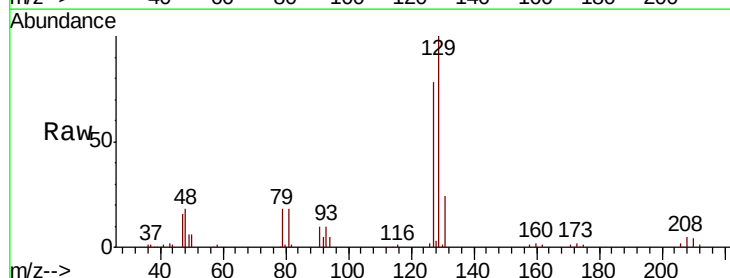
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

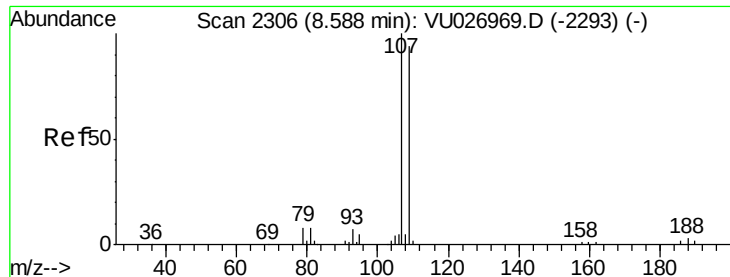
Tgt Ion: 43 Resp: 500477
Ion Ratio Lower Upper
43 100
58 51.3 26.1 78.2



#60
Dibromochloromethane
Concen: 51.678 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion: 129 Resp: 66196
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5

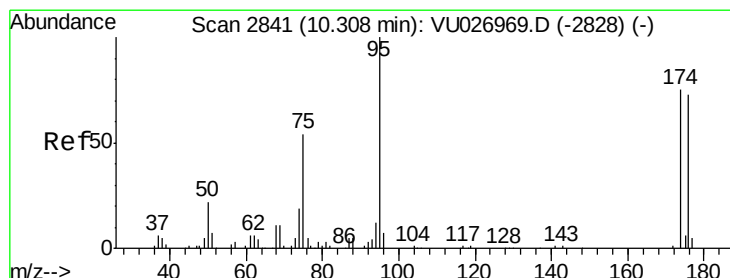
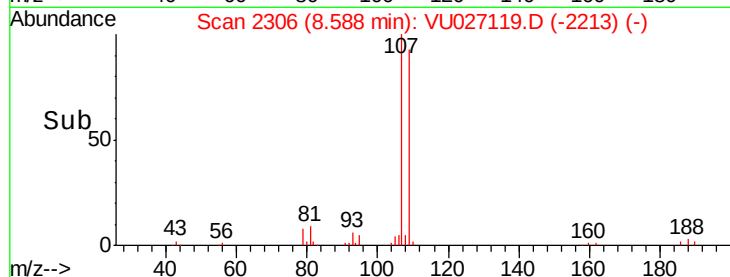
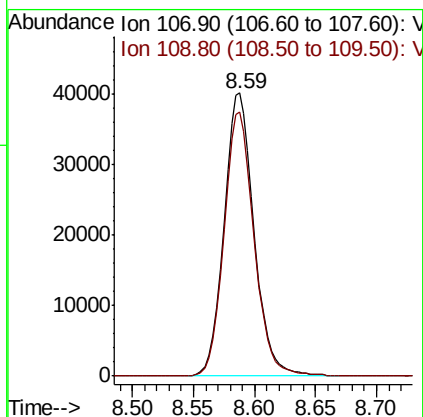
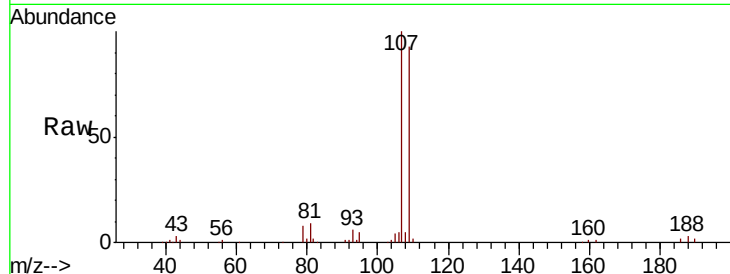




#61
 1,2-Dibromoethane
 Concen: 50.708 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

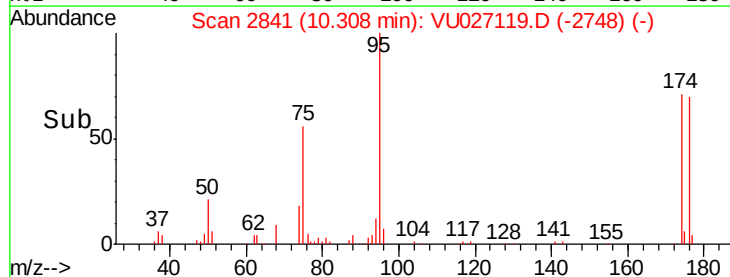
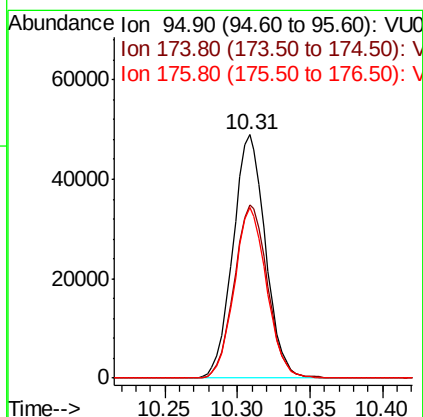
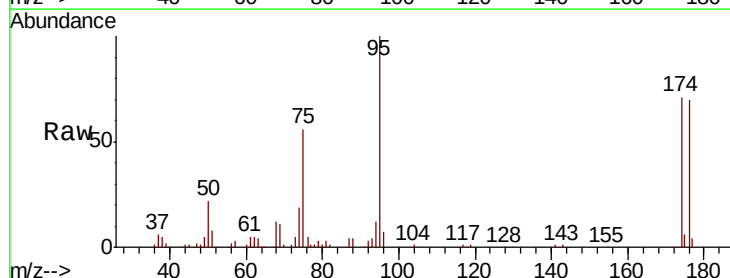
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

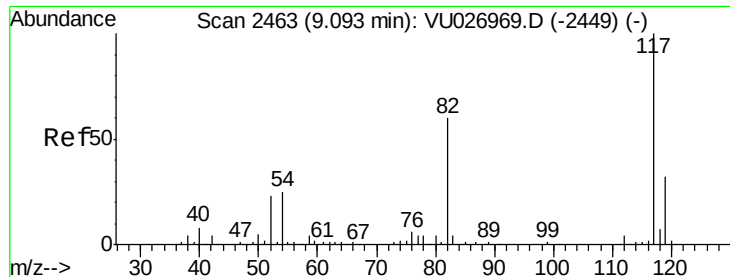
Tgt Ion: 107 Resp: 68899
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.626 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion: 95 Resp: 76047
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 150.2
 176 69.8 0.0 145.2

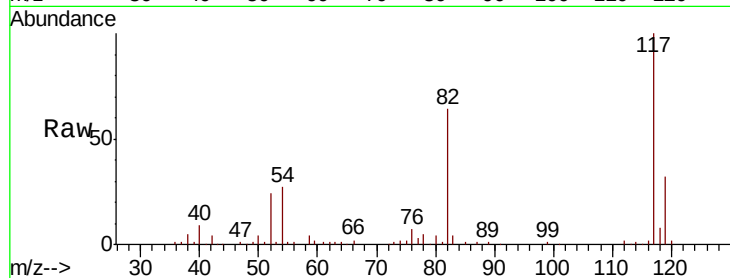




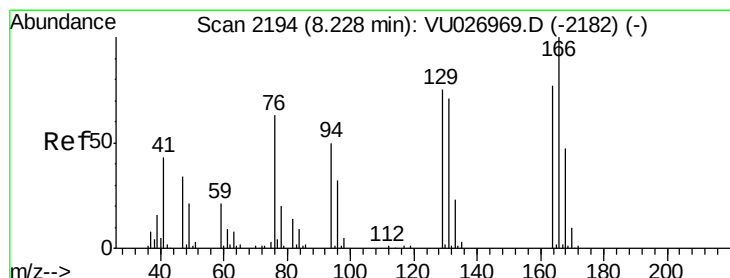
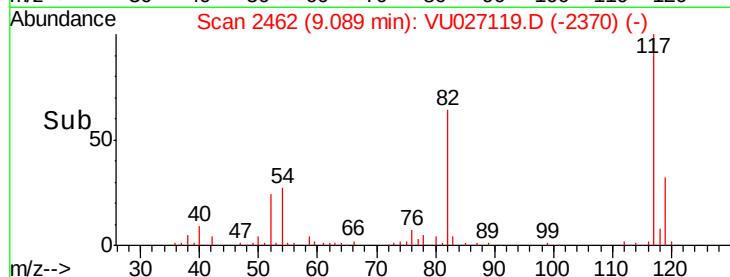
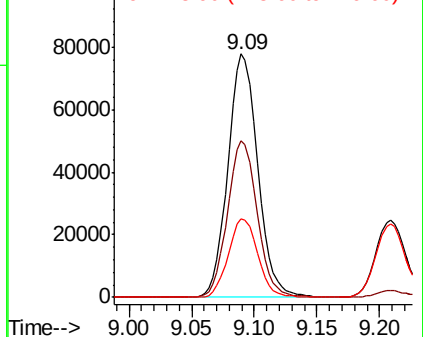
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

Tgt Ion:117 Resp: 128681
Ion Ratio Lower Upper
117 100
82 64.5 48.0 72.0
119 32.4 25.8 38.8



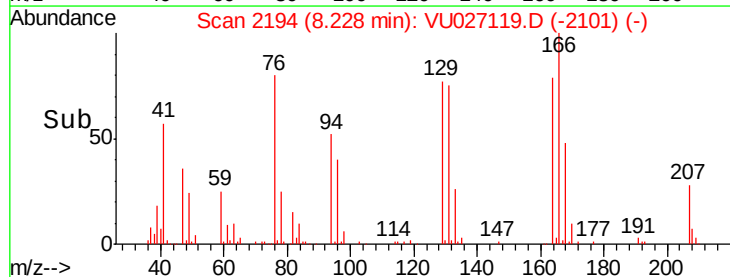
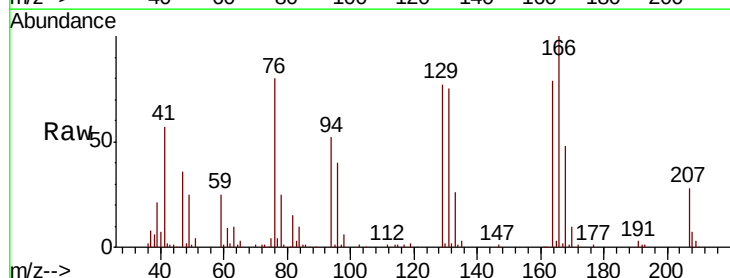
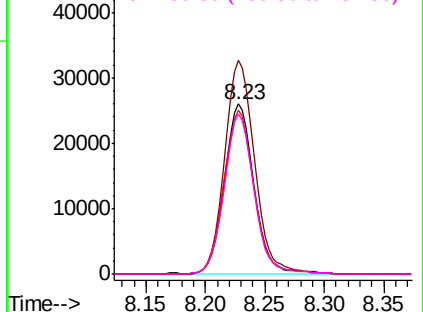
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

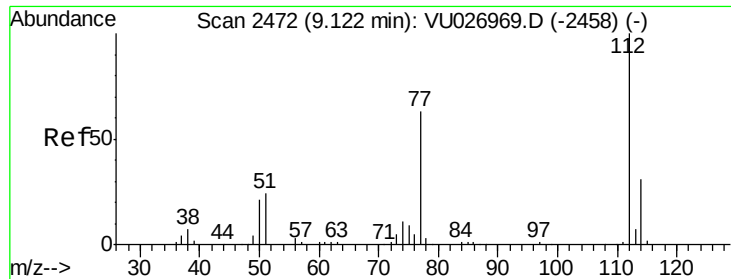


#64
Tetrachloroethene
Concen: 45.338 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion:164 Resp: 44956
Ion Ratio Lower Upper
164 100
166 125.8 104.4 156.6
129 96.6 78.7 118.1
131 94.2 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

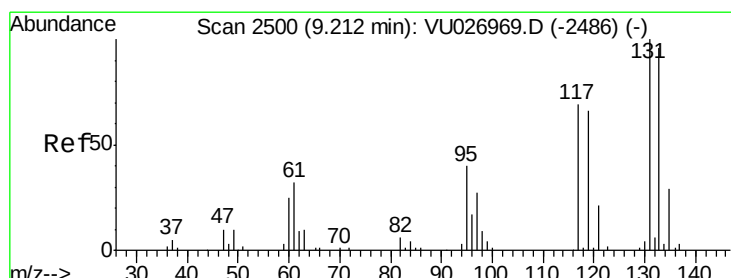
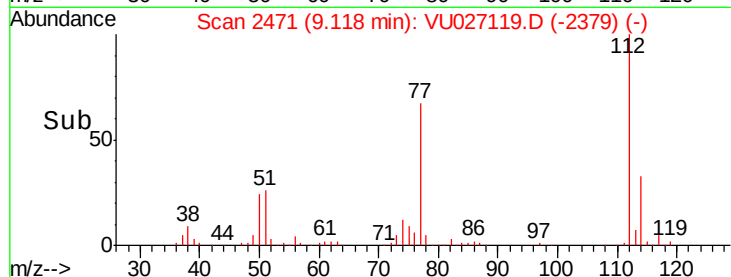
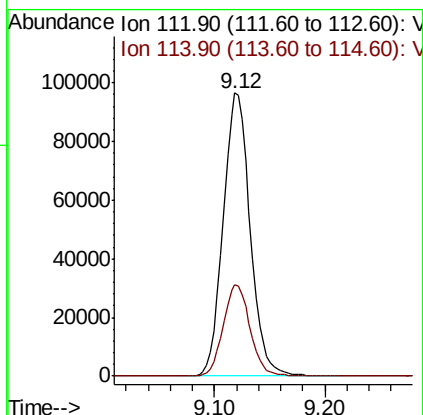
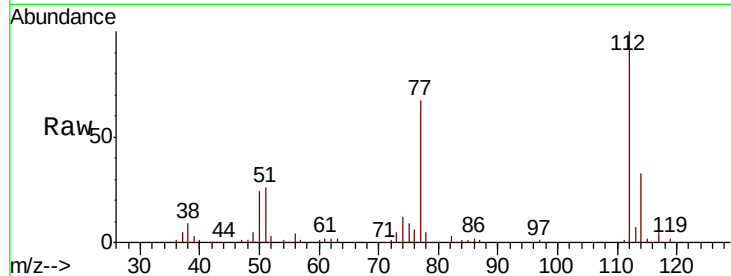




#65
Chlorobenzene
Concen: 47.974 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

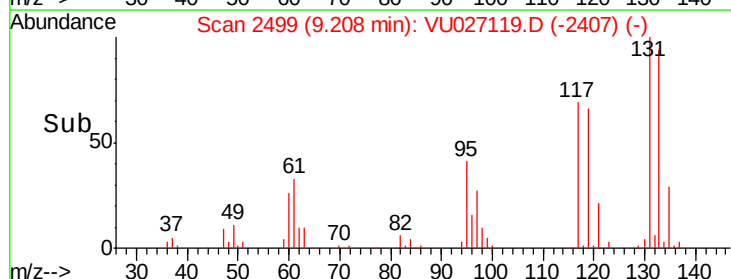
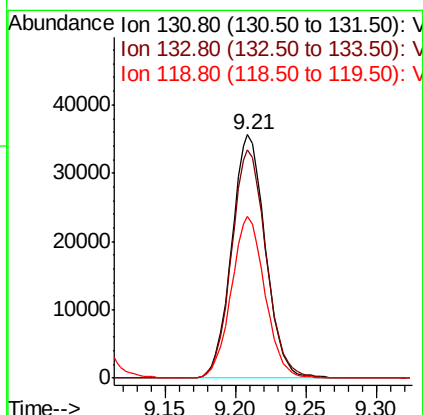
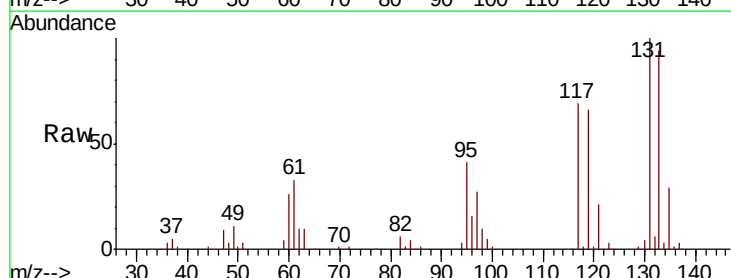
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

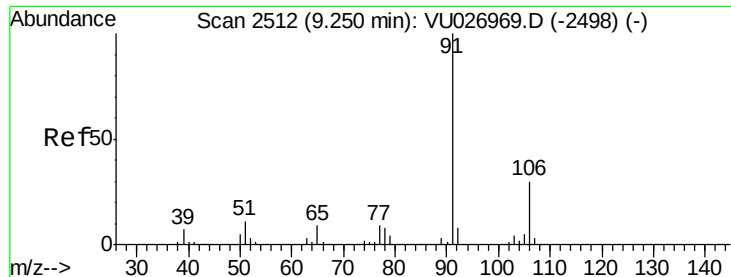
Tgt Ion:112 Resp: 163688
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.793 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion:131 Resp: 59693
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.2
119 66.2 33.4 100.1





#67

Ethyl Benzene

Concen: 53.269 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

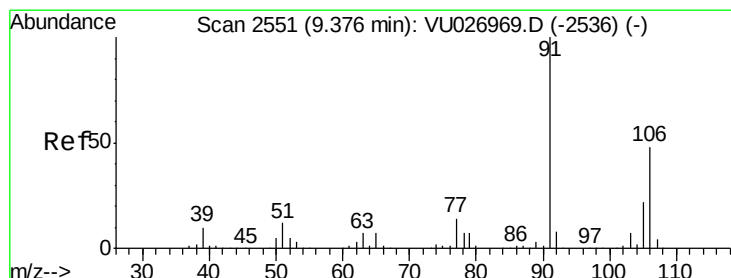
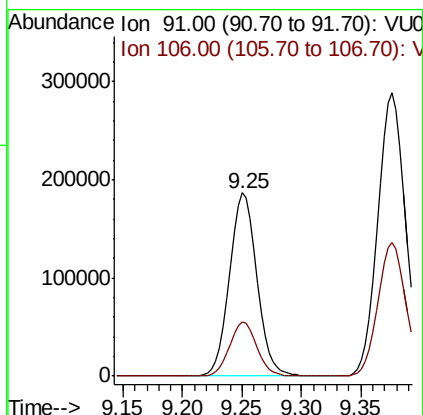
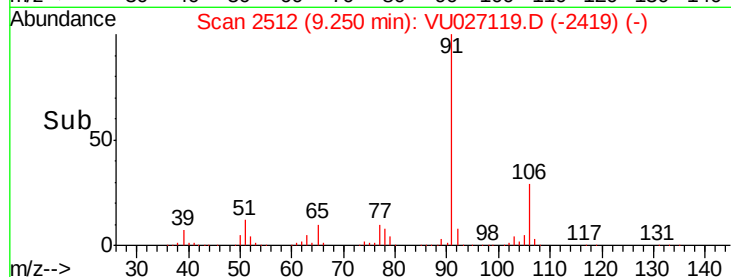
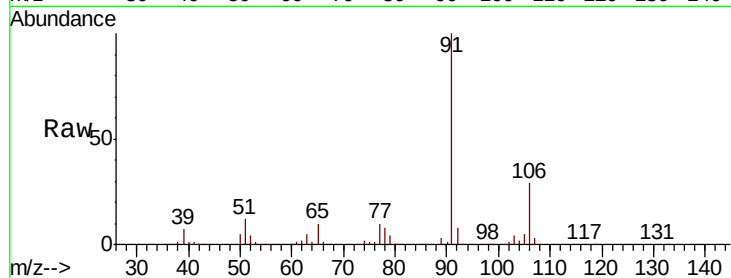
SA-PZ182I-20180916MS

Tgt Ion: 91 Resp: 298871

Ion Ratio Lower Upper

91 100

106 29.5 23.8 35.8



#68

m/p-Xylenes

Concen: 98.144 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027119.D

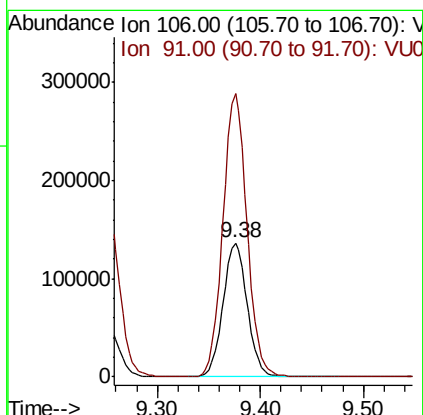
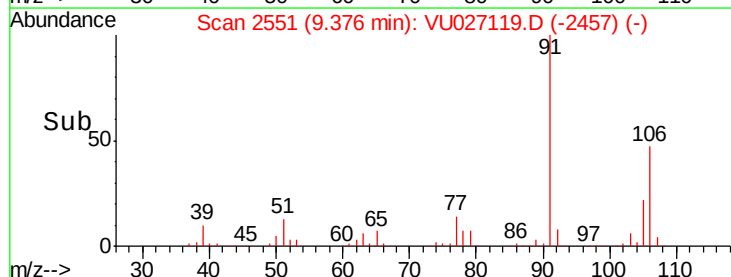
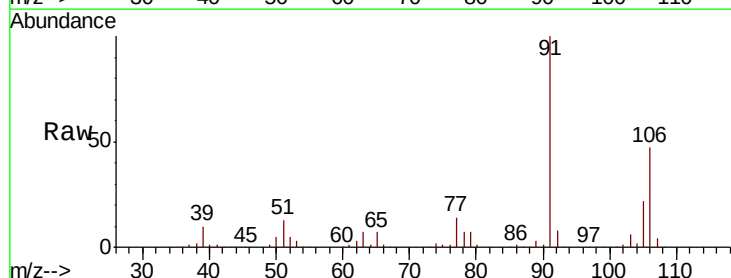
Acq: 24 Sep 2018 19:14

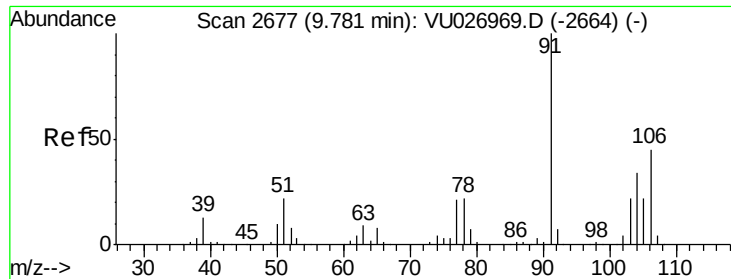
Tgt Ion: 106 Resp: 222941

Ion Ratio Lower Upper

106 100

91 209.8 166.5 249.7

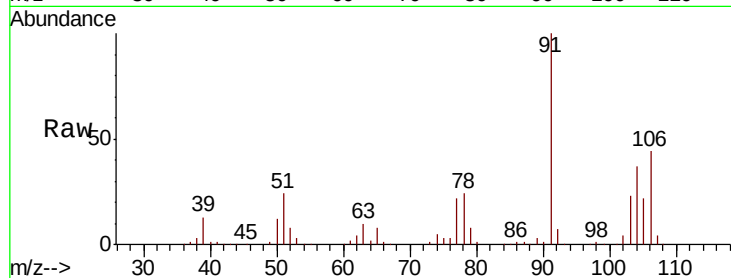




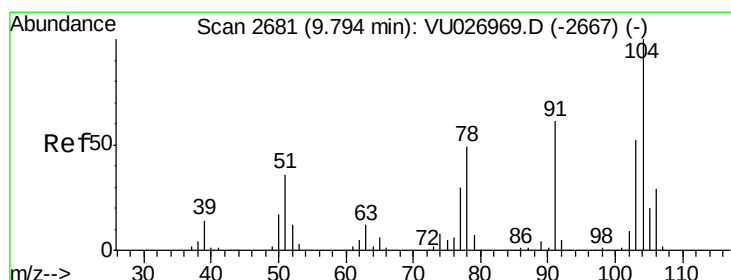
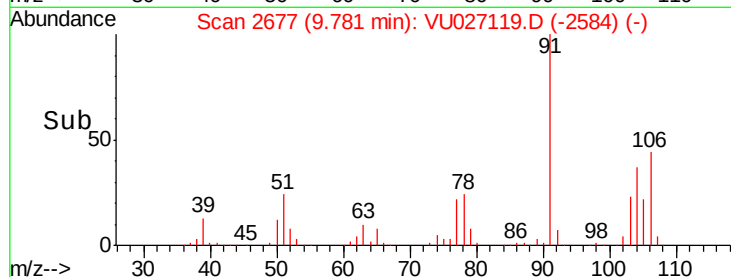
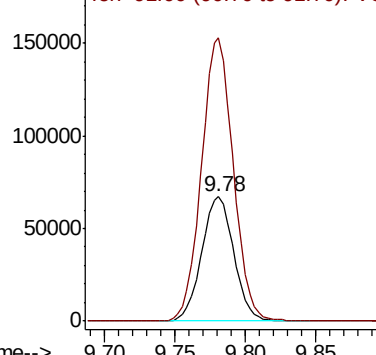
#69
o-Xylene
Concen: 53.919 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

Tgt Ion:106 Resp: 107187
Ion Ratio Lower Upper
106 100
91 224.8 110.2 330.6

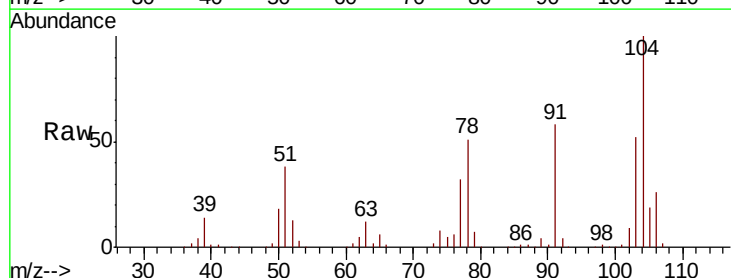


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

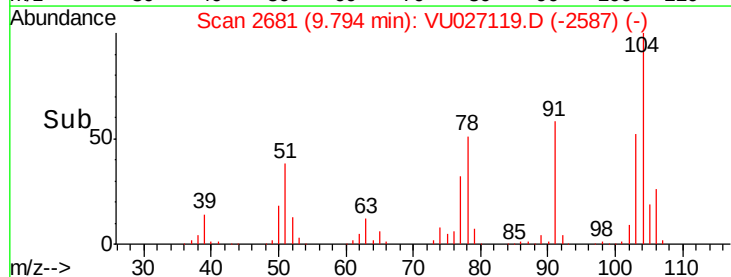
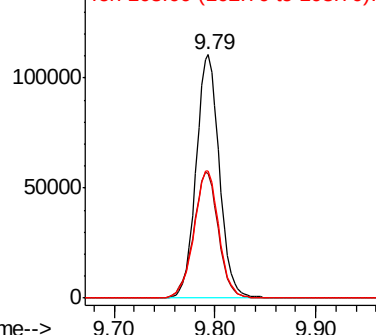


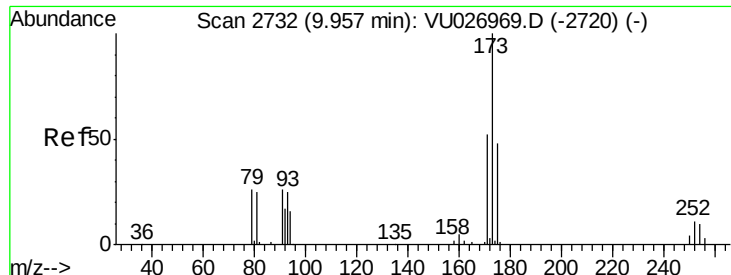
#70
Styrene
Concen: 48.168 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion:104 Resp: 178533
Ion Ratio Lower Upper
104 100
78 55.1 43.0 64.4
103 55.7 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.658 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

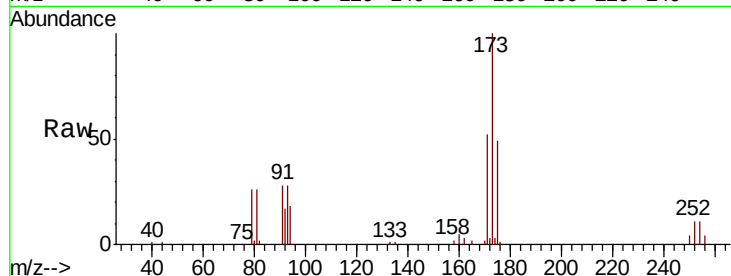
Tgt Ion:173 Resp: 46947

Ion Ratio Lower Upper

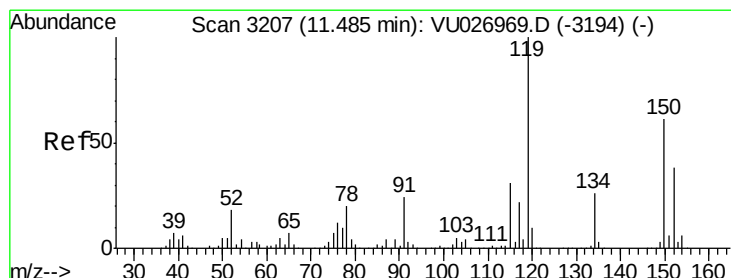
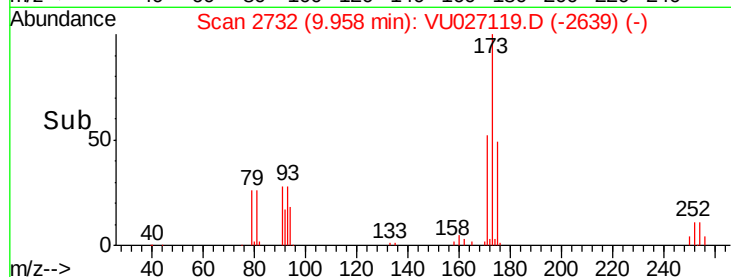
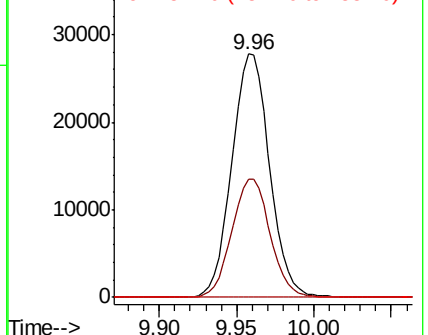
173 100

175 49.3 23.9 71.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

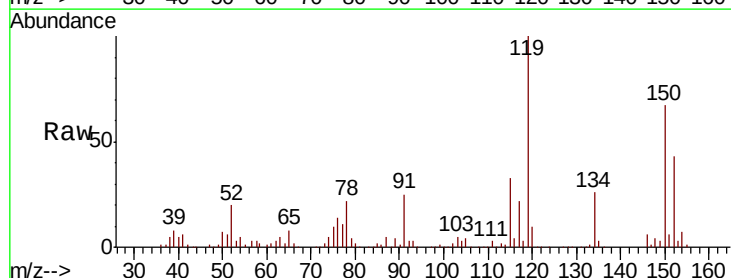
Tgt Ion:152 Resp: 72024

Ion Ratio Lower Upper

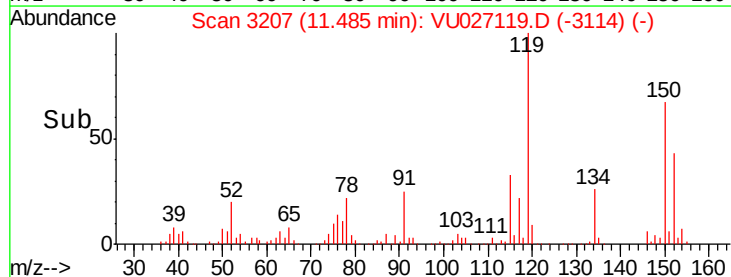
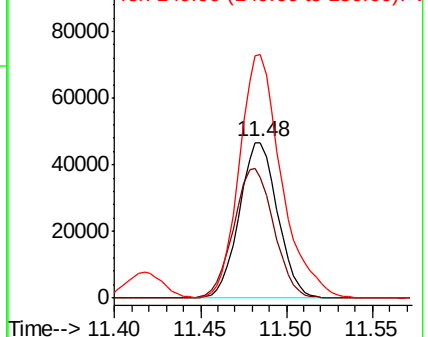
152 100

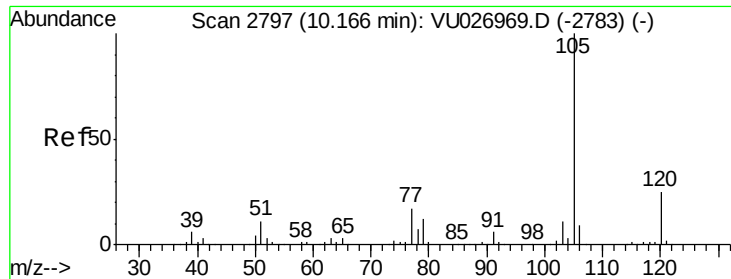
115 87.5 44.9 134.5

150 172.7 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.943 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

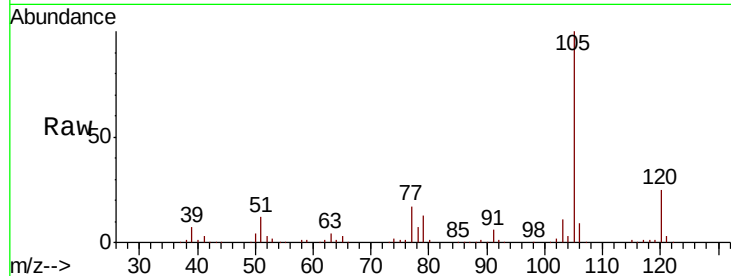
SA-PZ182I-20180916MS

Tgt Ion: 105 Resp: 290062

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

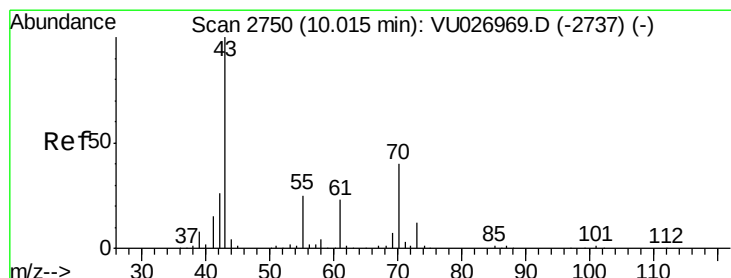
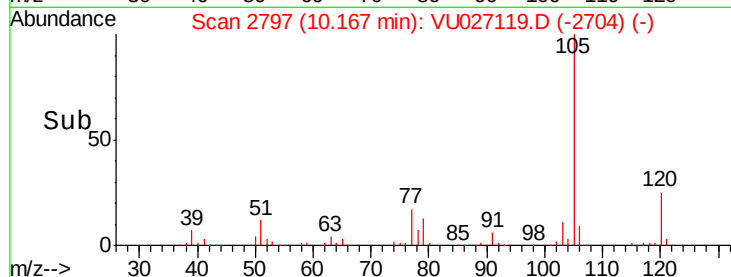
0

10.10

10.17

10.20

Time-->



#74

N-ethyl acetate

Concen: 50.307 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Tgt Ion: 43 Resp: 159543

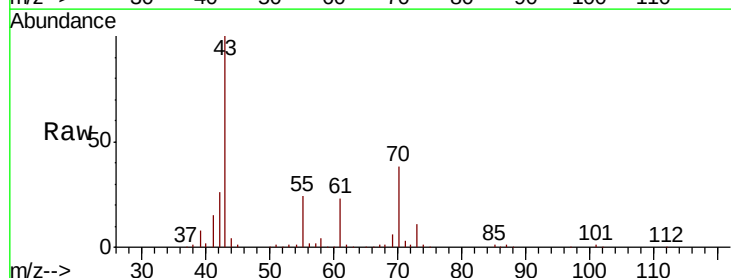
Ion Ratio Lower Upper

43 100

70 38.1 31.8 47.8

55 24.1 19.9 29.9

61 22.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

150000

100000

50000

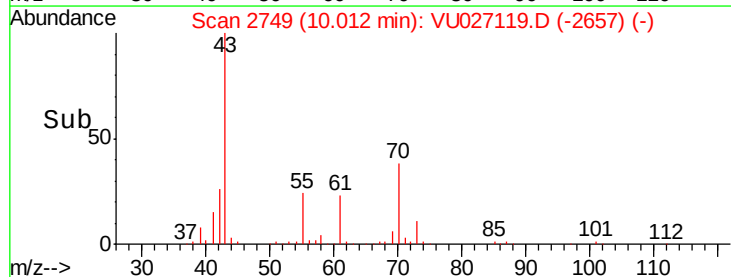
0

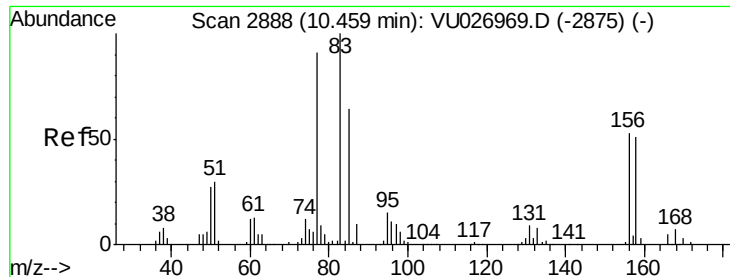
9.90

10.01

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.777 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

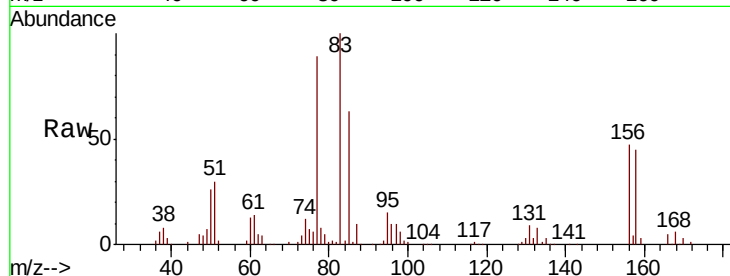
Tgt Ion: 83 Resp: 117832

Ion Ratio Lower Upper

83 100

131 8.3 4.3 12.8

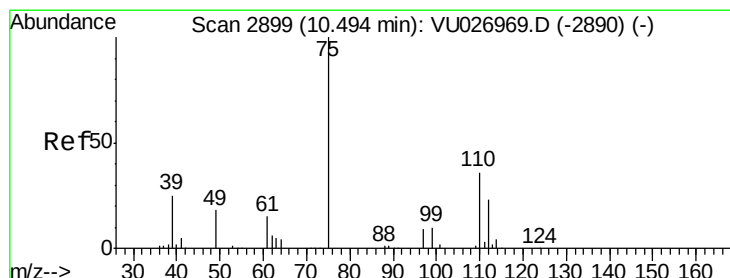
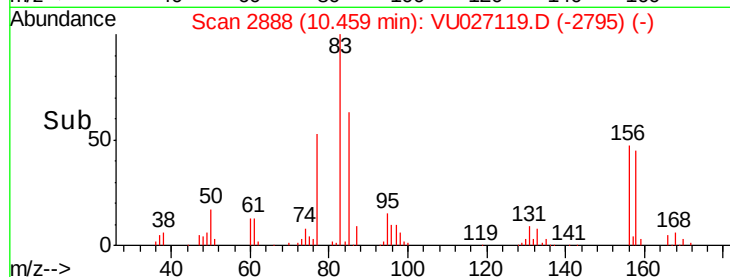
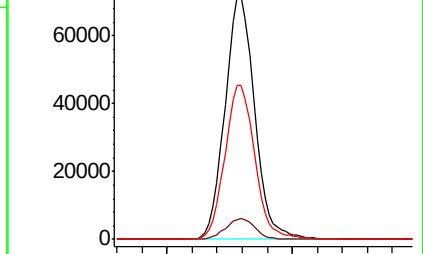
85 63.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU027119.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU027119.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU027119.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 62.299 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027119.D

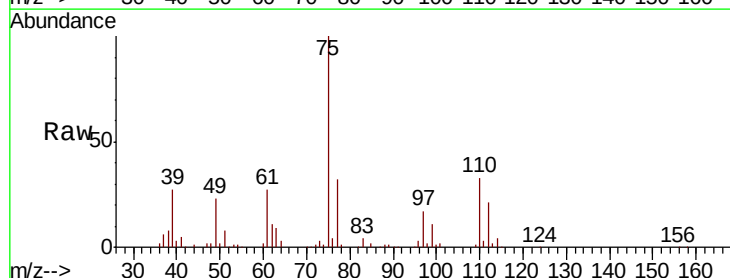
Acq: 24 Sep 2018 19:14

Tgt Ion: 75 Resp: 136315

Ion Ratio Lower Upper

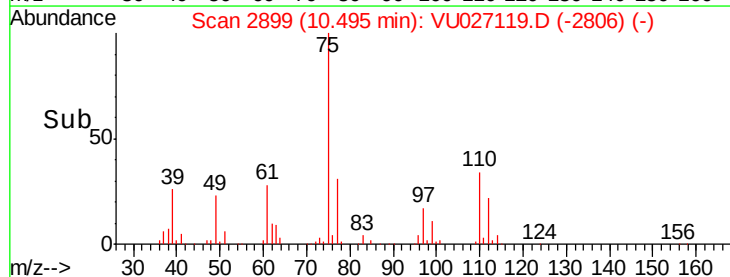
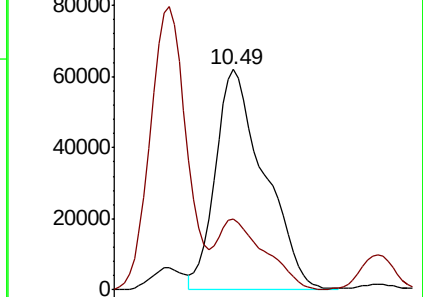
75 100

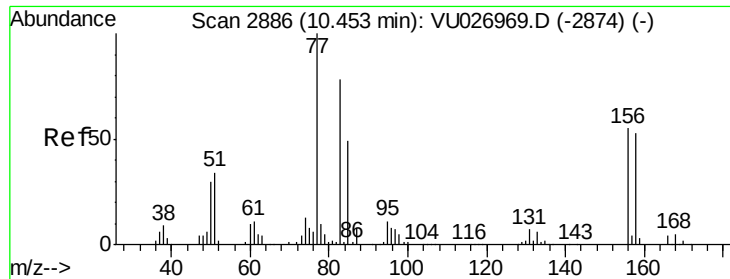
77 31.2 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027119.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027119.D (-2890) (-)





#77

Bromobenzene

Concen: 48.357 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

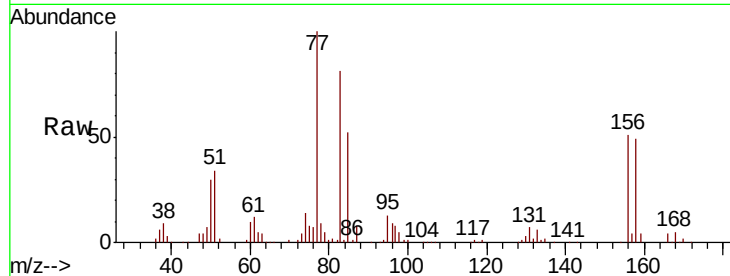
Tgt Ion:156 Resp: 64743

Ion Ratio Lower Upper

156 100

77 200.3 92.3 276.9

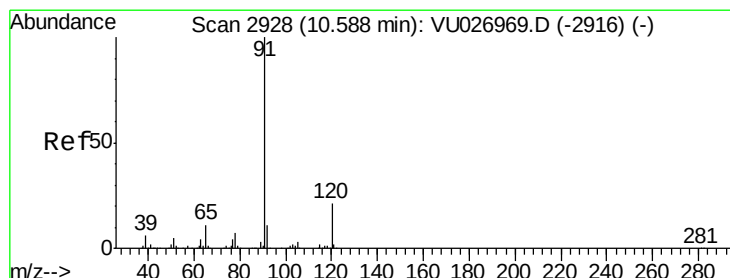
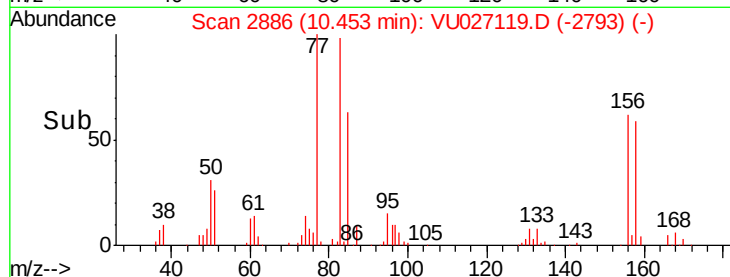
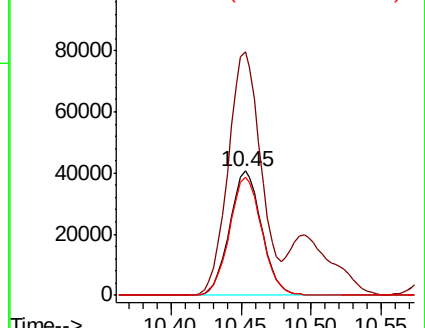
158 96.0 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.017 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027119.D

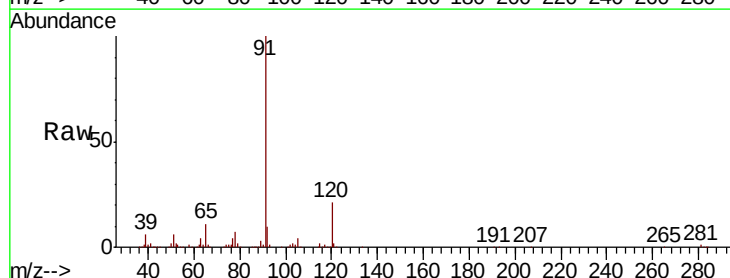
Acq: 24 Sep 2018 19:14

Tgt Ion: 91 Resp: 350172

Ion Ratio Lower Upper

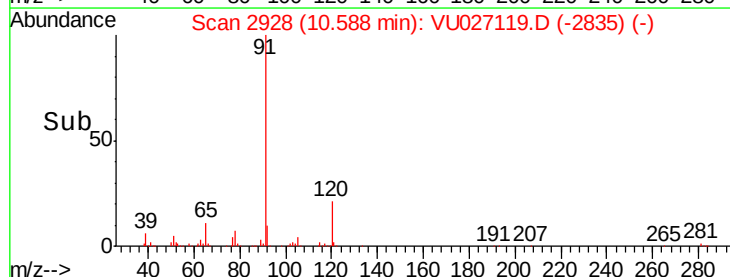
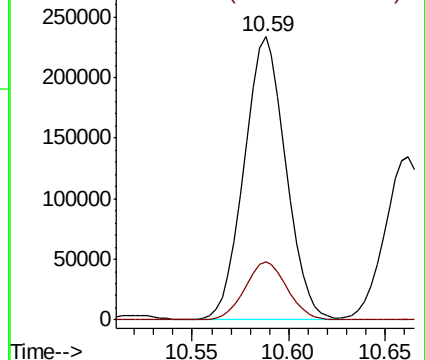
91 100

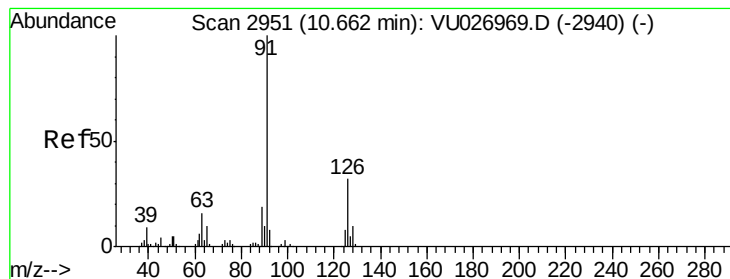
120 20.7 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.620 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

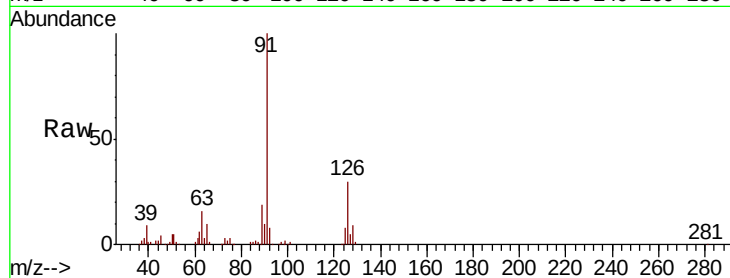
SA-PZ182I-20180916MS

Tgt Ion: 91 Resp: 210192

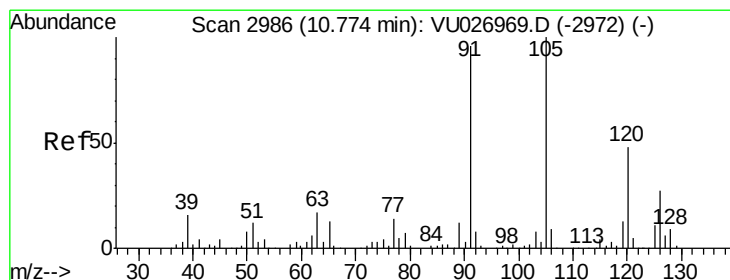
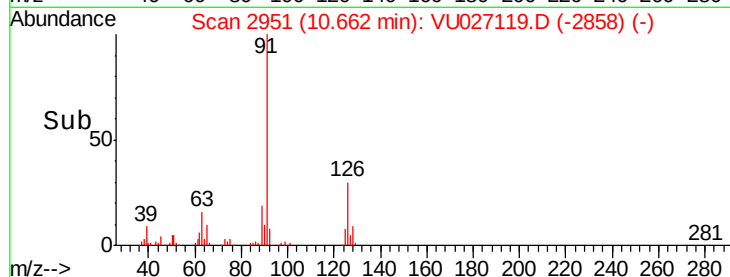
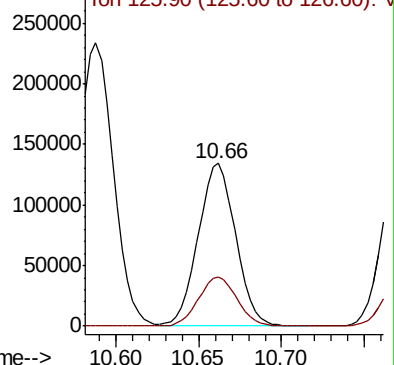
Ion Ratio Lower Upper

91 100

126 30.5 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.044 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027119.D

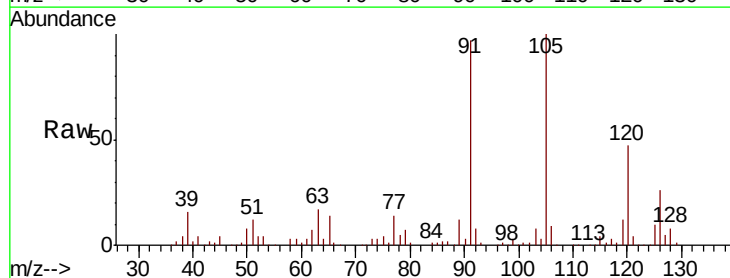
Acq: 24 Sep 2018 19:14

Tgt Ion: 105 Resp: 244419

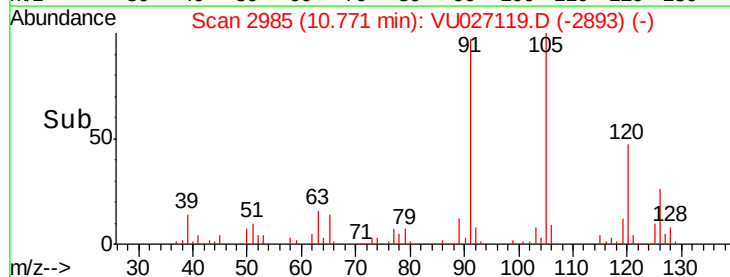
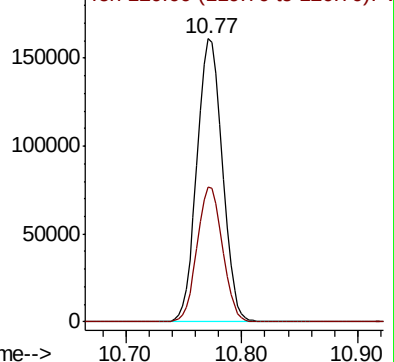
Ion Ratio Lower Upper

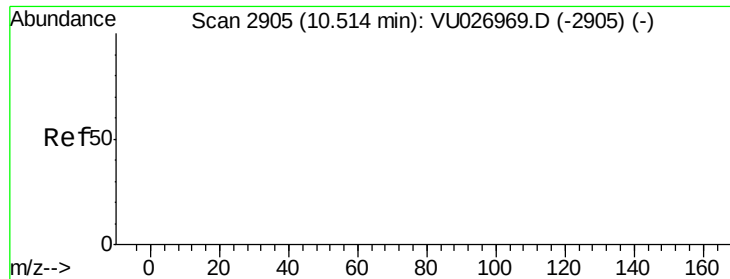
105 100

120 47.2 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026969.D (-2972) (-)

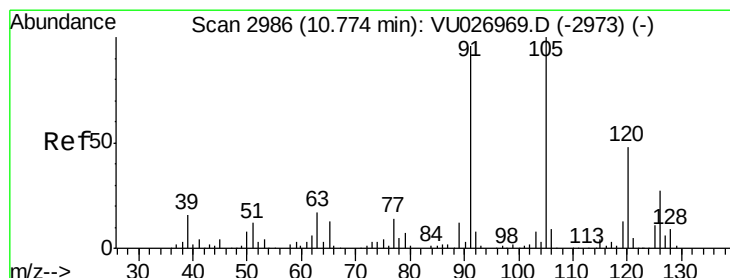
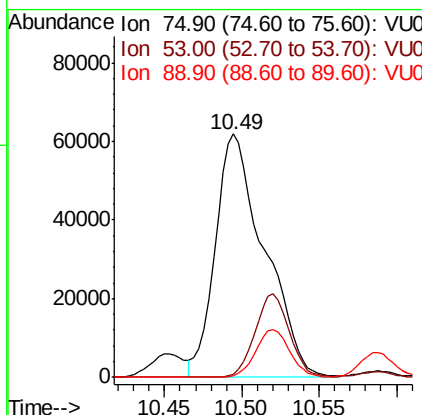
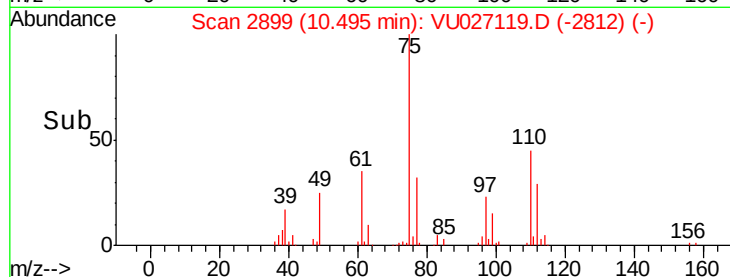
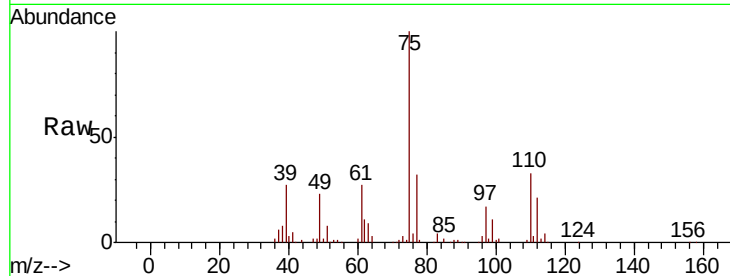




#81
trans-1,4-Dichloro-2-butene
Concen: 199.368 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

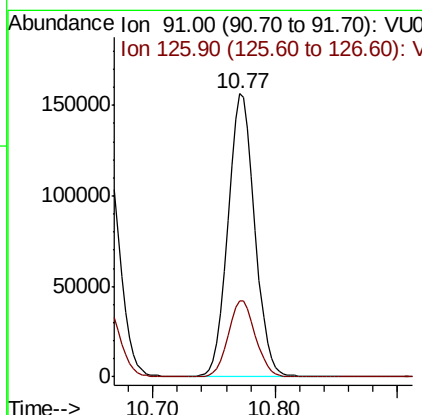
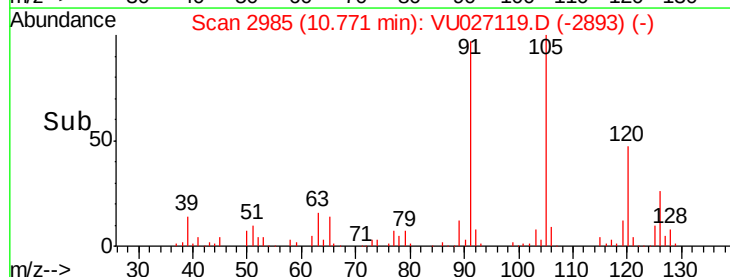
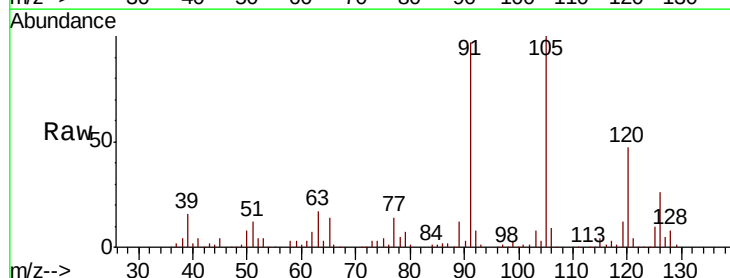
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

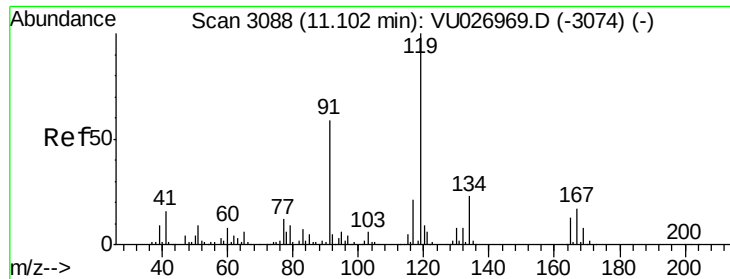
Tgt Ion: 75 Resp: 136315
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 52.296 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion: 91 Resp: 238774
Ion Ratio Lower Upper
91 100
126 27.4 14.1 42.2

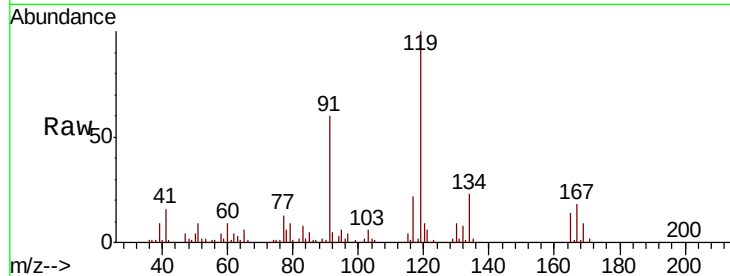




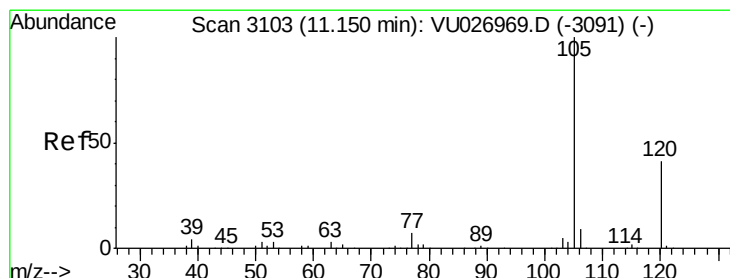
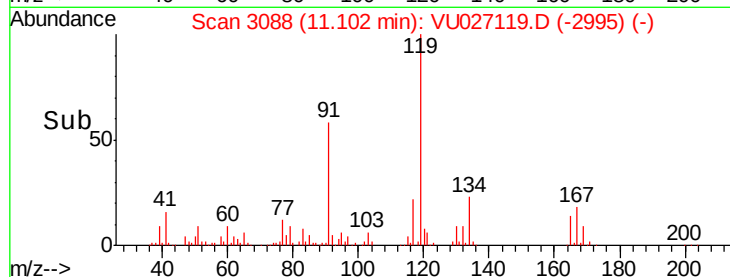
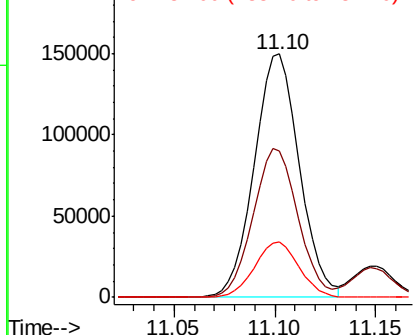
#83
 tert-Butylbenzene
 Concen: 52.464 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

Tgt Ion:119 Resp: 234583
 Ion Ratio Lower Upper
 119 100
 91 60.7 29.8 89.4
 134 22.4 11.5 34.4

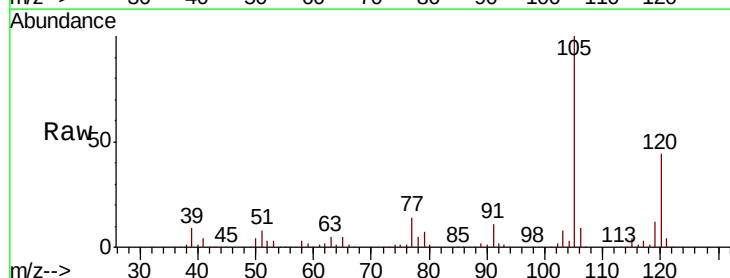


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

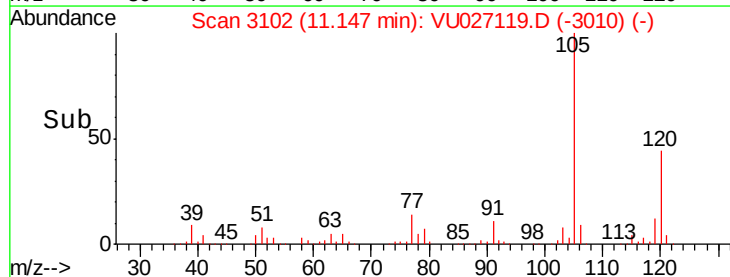
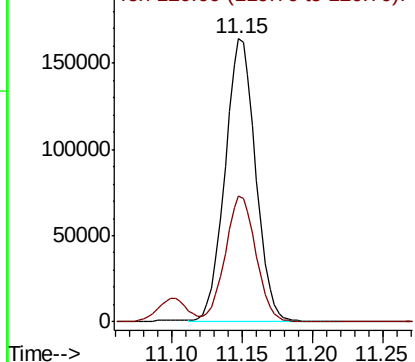


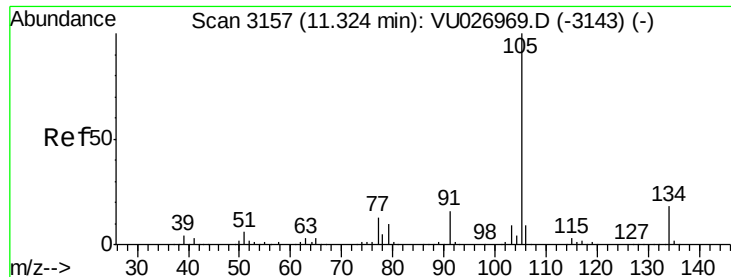
#84
 1,2,4-Trimethylbenzene
 Concen: 53.799 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion:105 Resp: 247614
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

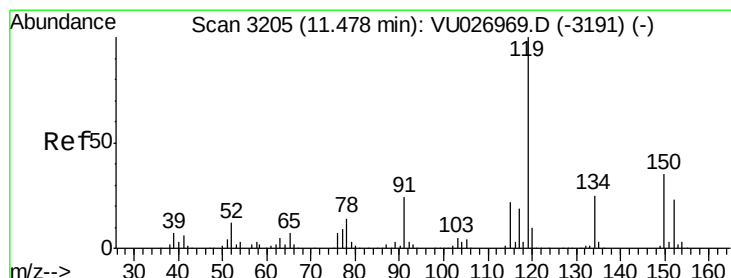
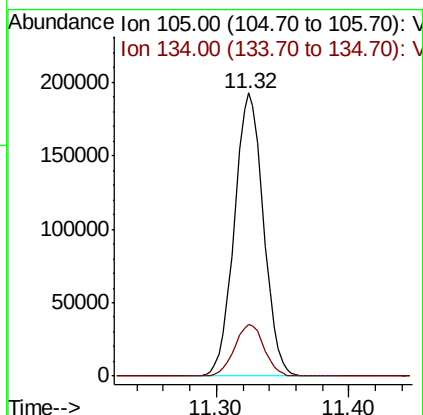
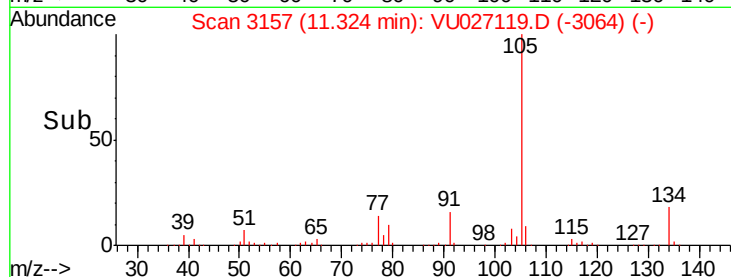
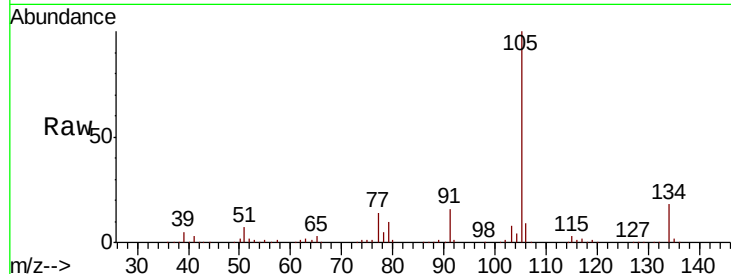




#85
 sec-Butylbenzene
 Concen: 53.673 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

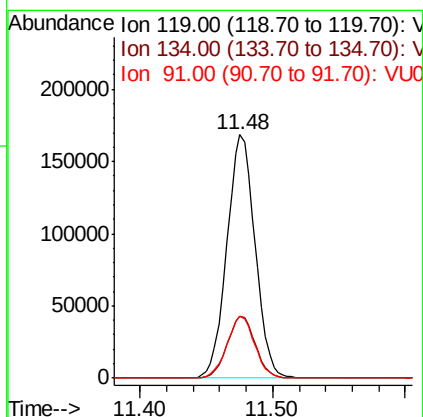
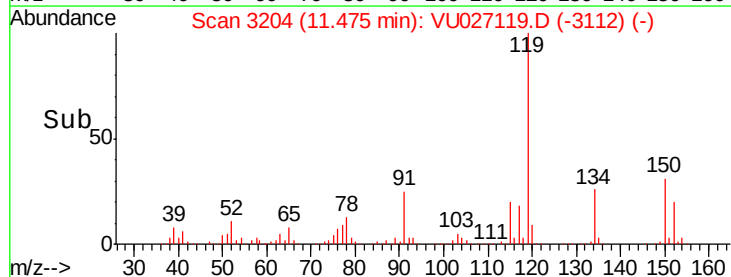
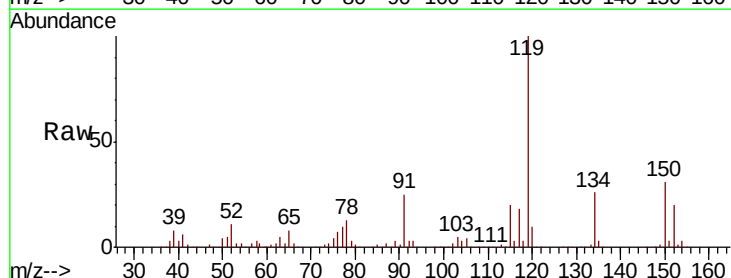
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

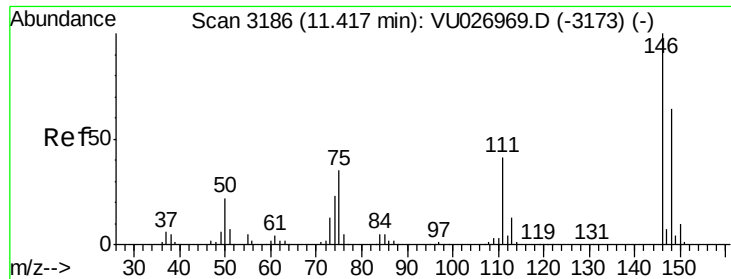
Tgt Ion:105 Resp: 292952
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 48.446 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion:119 Resp: 247967
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 24.9 12.3 36.8

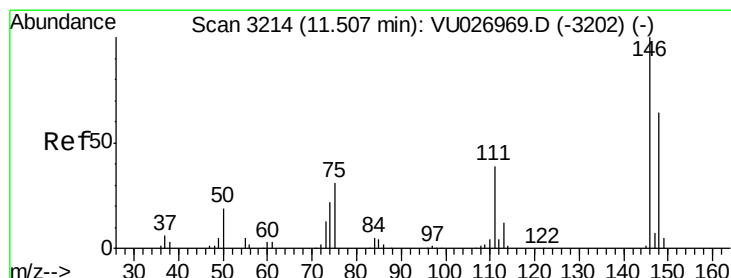
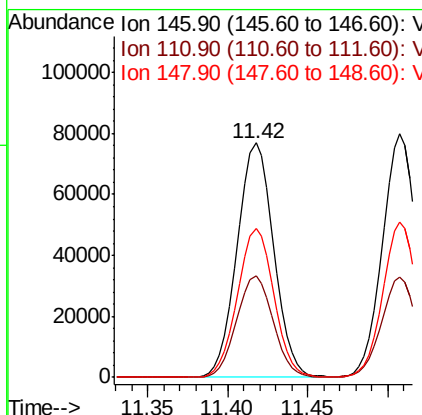
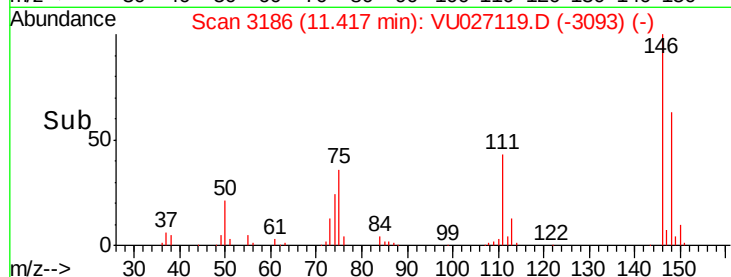
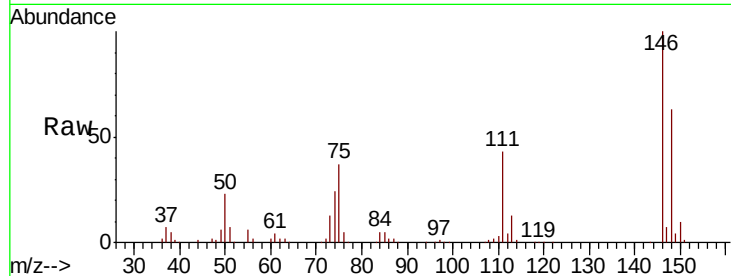




#87
 1,3-Dichlorobenzene
 Concen: 48.119 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

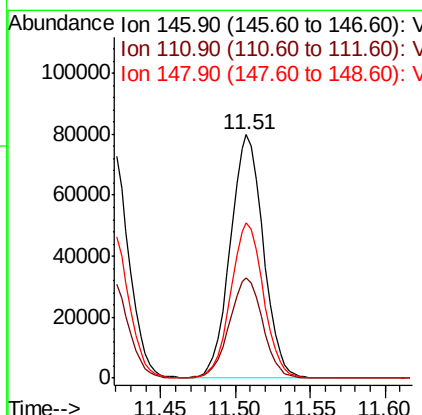
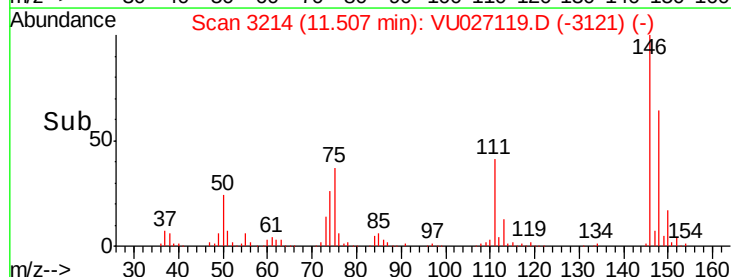
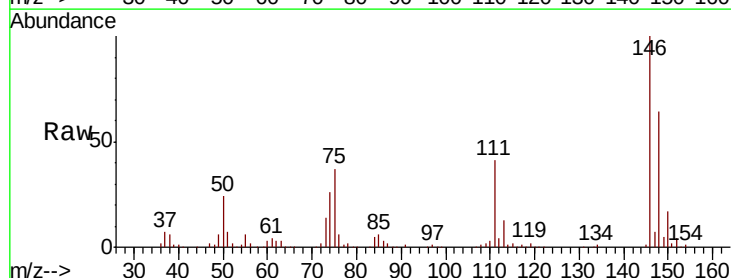
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

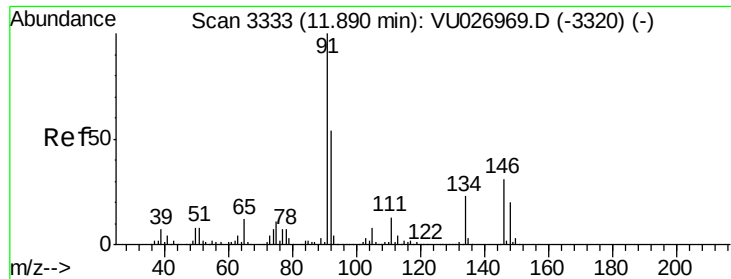
Tgt Ion:146 Resp: 119886
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.8 62.2
 148 63.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 44.987 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion:146 Resp: 122156
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.3 60.9
 148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 46.595 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027119.D

Acq: 24 Sep 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916MS

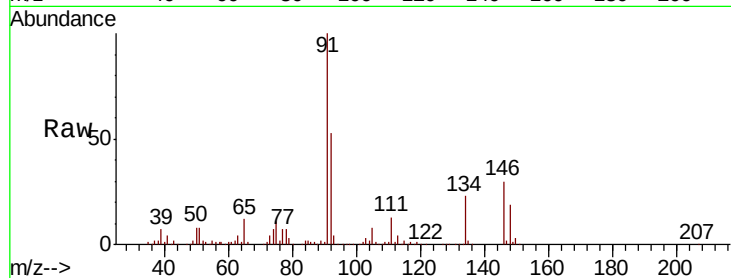
Tgt Ion: 91 Resp: 230482

Ion Ratio Lower Upper

91 100

92 53.1 27.1 81.2

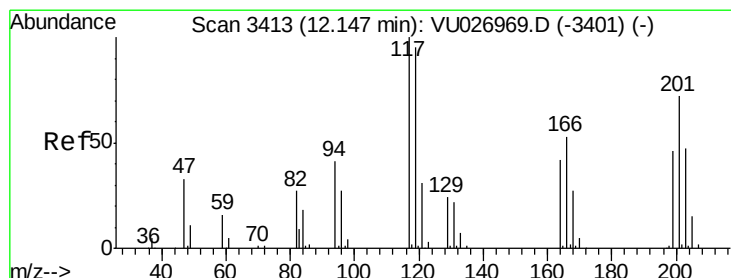
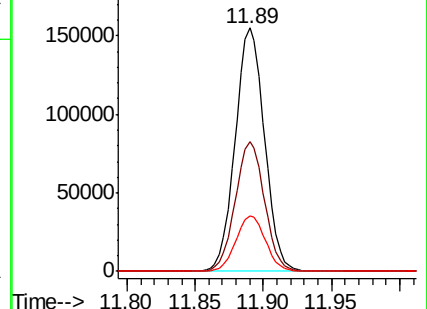
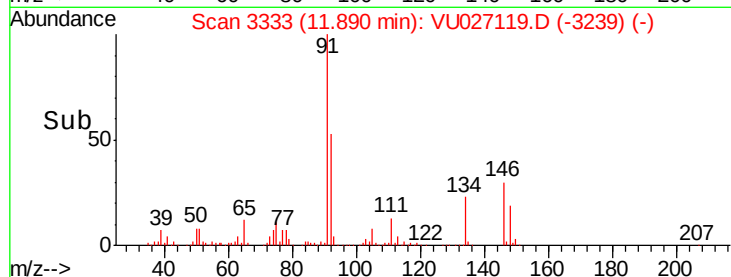
134 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)



#90

Hexachloroethane

Concen: 47.148 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027119.D

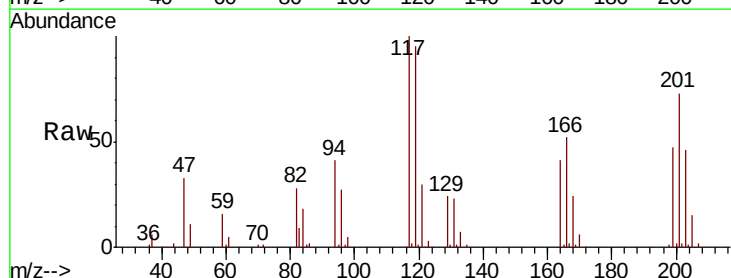
Acq: 24 Sep 2018 19:14

Tgt Ion: 117 Resp: 46797

Ion Ratio Lower Upper

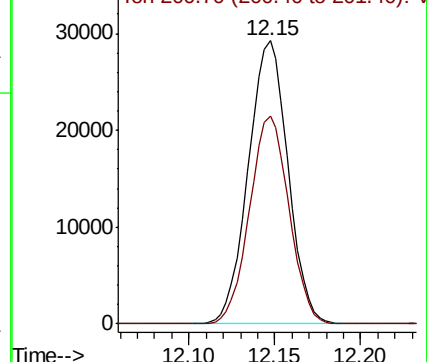
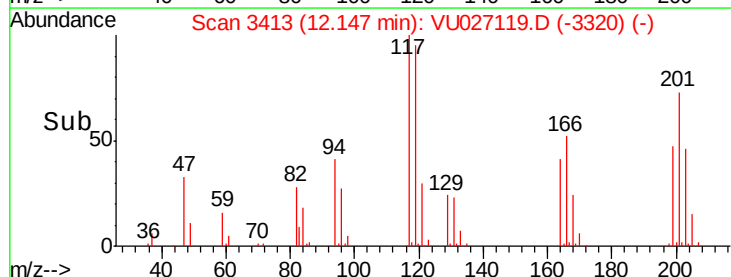
117 100

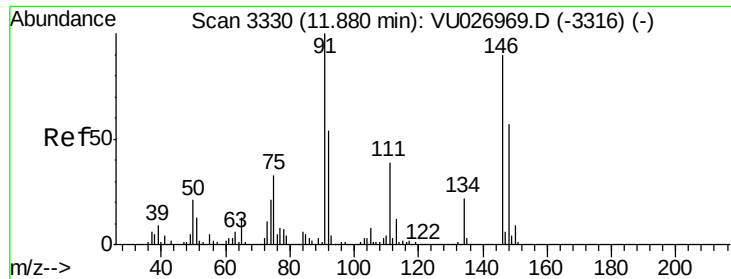
201 72.9 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)

Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)

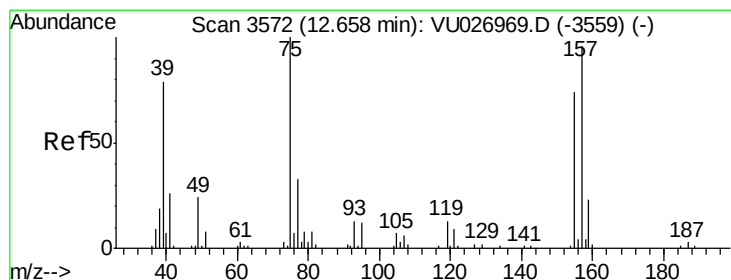
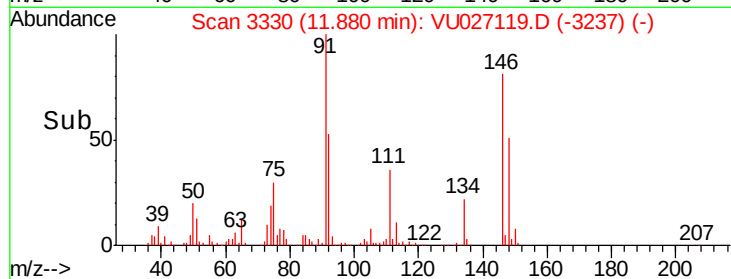
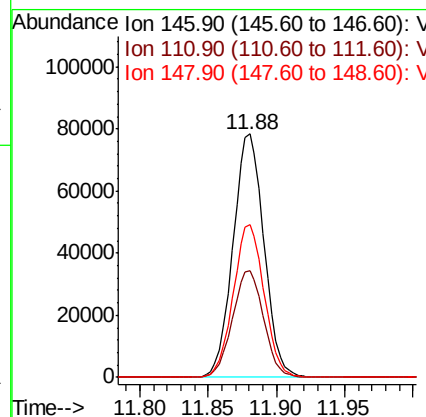
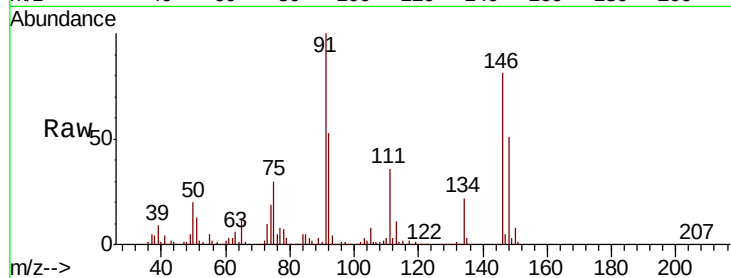




#91
 1,2-Dichlorobenzene
 Concen: 46.631 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

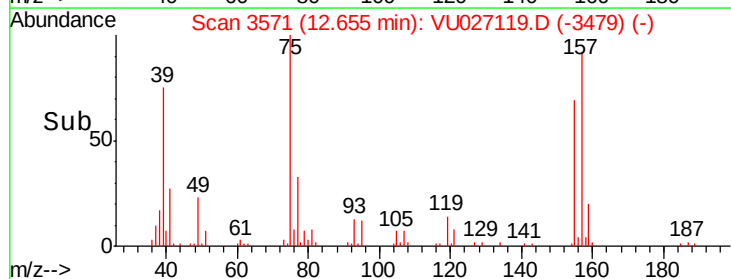
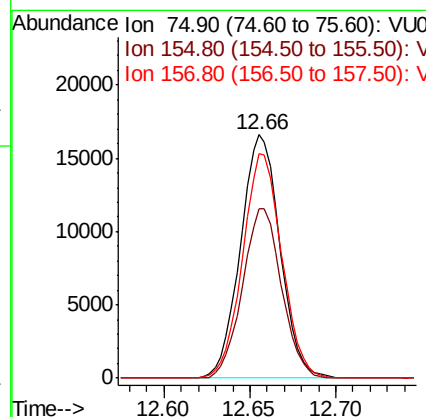
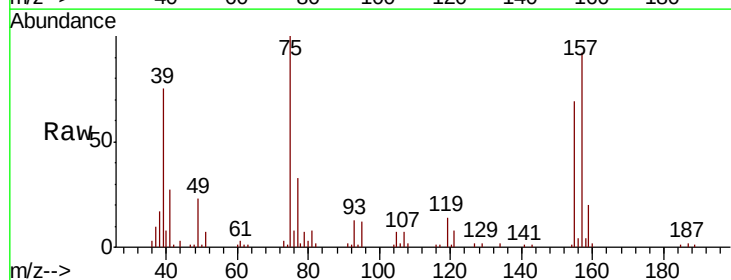
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

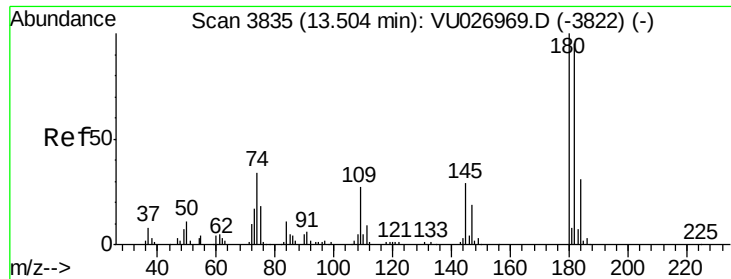
Tgt Ion: 146 Resp: 123408
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.8 65.3
 148 62.7 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.391 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion: 75 Resp: 26409
 Ion Ratio Lower Upper
 75 100
 155 68.8 36.6 109.8
 157 91.4 47.4 142.2

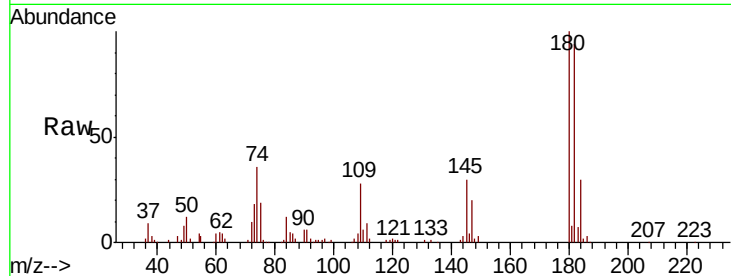




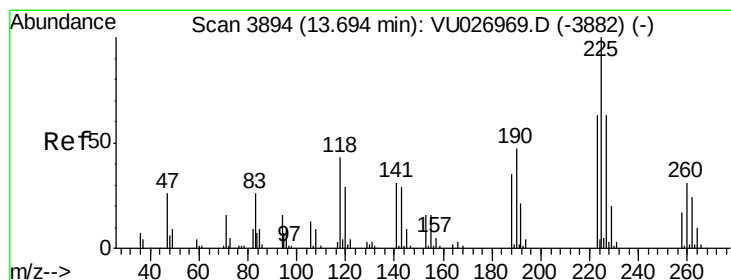
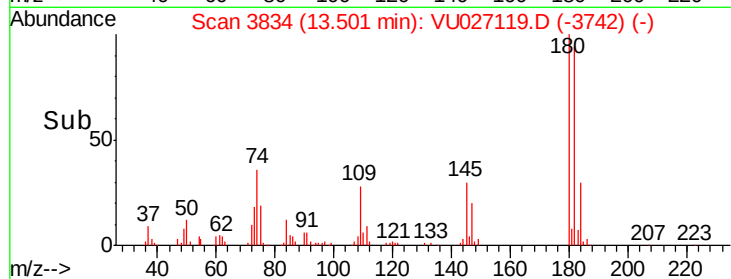
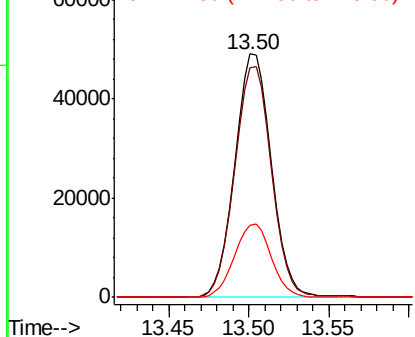
#93
 1,2,4-Trichlorobenzene
 Concen: 49.992 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916MS

Tgt Ion:180 Resp: 76242
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.4 142.2
 145 30.6 14.9 44.5

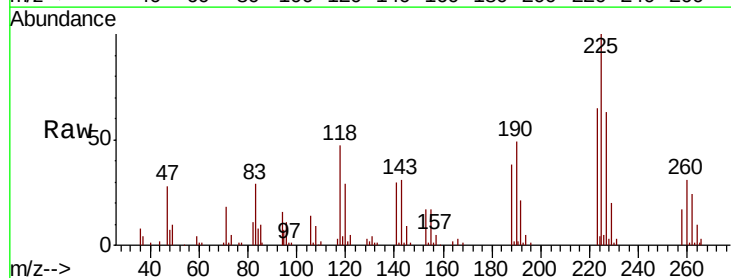


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

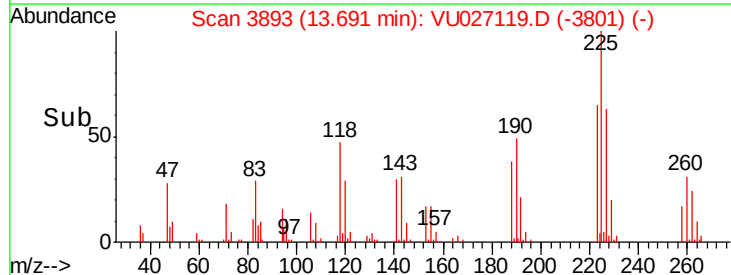
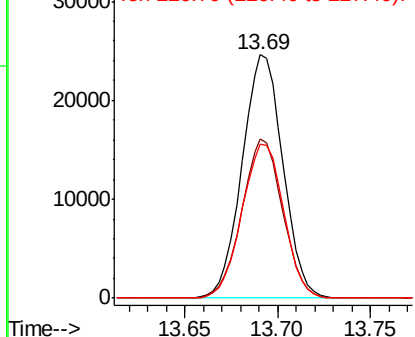


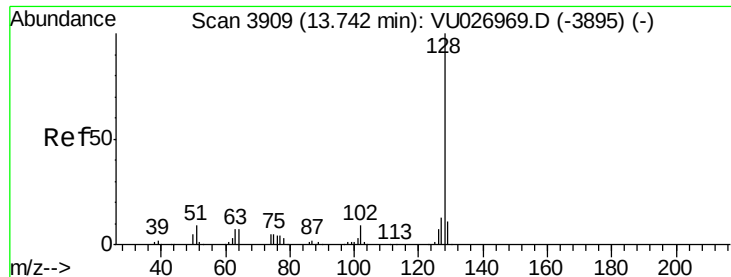
#94
 Hexachlorobutadiene
 Concen: 46.586 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027119.D
 Acq: 24 Sep 2018 19:14

Tgt Ion:225 Resp: 37593
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.9 95.7
 227 64.7 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

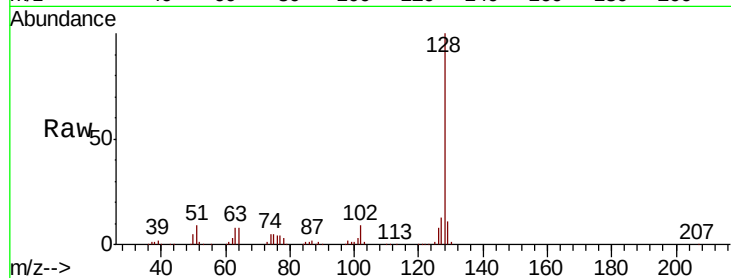




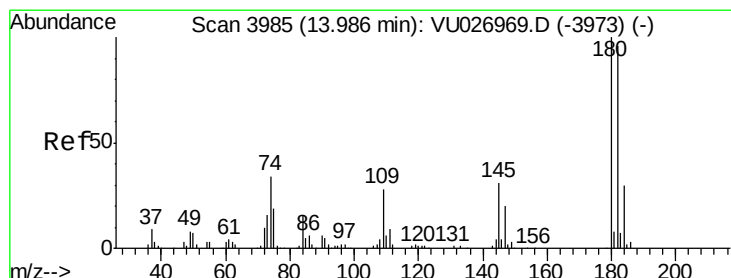
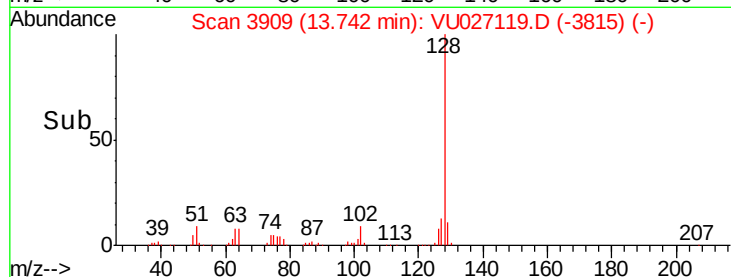
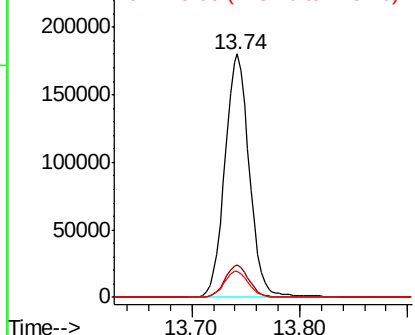
#95
Naphthalene
Concen: 47.788 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916MS

Tgt Ion:128 Resp: 284494
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.7 8.6 12.8

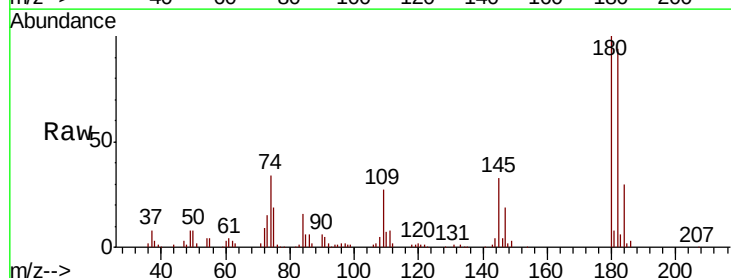


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.451 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027119.D
Acq: 24 Sep 2018 19:14

Tgt Ion:180 Resp: 82512
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 32.3 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

